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TENNESSEE
VITAL STATISTICS
1989

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Tennessee Department of Health
Division of Information Resources

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TENNESSEE VITAL STATISTICS - 1989

INTRODUCTION

Data from vital records for Tennessee during 1989 are given in this *Vital Statistics Bulletin*, the 63rd in a series of annual reports.

An analysis of the vital statistics of Tennessee for the year 1989 is given in the Discussion of Vital Statistics of this Bulletin. Following the analysis, summary tables are presented for the State for the 20 years 1970-1989, inclusive, and also detailed tables for 1989 for the State, the 95 counties, and the cities of 10,000 or more population.

The data in this Bulletin include all vital events occurring during 1989 which were reported to the Office of Vital Records of the Tennessee Department of Health as of August 20, 1990. Copies of certificates and reports for births, deaths, induced abortions, and fetal deaths occurring to Tennessee residents in other states are forwarded to Tennessee in the interstate transfer of these certificates and reports. Thus, it is possible to compile birth, death, induced abortion, and fetal death statistics for Tennessee residents. Since at the present time there is no interstate transfer of marriage and divorce certificates, resident data for these events are not available.

Induced abortion data for Tennessee residents were not available from Kentucky in 1989, resulting in substantial under-counts of the actual number of events. For a time, Kentucky interpreted their vital records law as meaning they could not participate in the interstate exchange of induced abortion reports.

Recorded data are obtained by classifying certificates and reports according to the place of birth, death, fetal death, induced abortion, marriage, or divorce. For certain purposes, such as knowledge of the numbers of births or deaths occurring in hospitals, recorded data are desirable and are presented in some of the summary tables. Many residents of the State and of nearby states use health facilities in the large cities of Tennessee; consequently, the numbers of recorded births, deaths, and induced abortions are large in these cities.

On May 2, 1989 the marriage law (T.C.A. 36-3-103) was amended. Marriages for which the couple obtained a Tennessee marriage license but had a ceremony performed out-of-state are valid and are included in statistical analyses just as those with in-state ceremonies.

Resident data are compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. Resident data are preferable to recorded data for comparing birth, death, and induced abortion rates and ratios for the residents of the counties of Tennessee. Most of the statistics in this report are based on resident data.

On January 1, 1989, the Office of Vital Records for the State of Tennessee began using revised certificates of birth and death and report of fetal death which are based upon, and very similar to, the U. S. Standards in content and format. The modifications and additions made to the Tennessee birth certificate and fetal death report were extensive. The previous revision contained a minimum of medical information whereas the 1989 revision includes check box sections entitled Medical Risk Factors for This Pregnancy, Other Risk Factors for This Pregnancy (tobacco and alcohol use, weight gain), Obstetric Procedures, Complications of Labor and/or Delivery, Methods of Delivery, Abnormal Conditions of the Newborn, and Congenital Anomalies of Child. Additional non-medical items call for information on parents' occupation and business/industry and Hispanic origin. Changes to the Tennessee death certificate were less extensive but still significant. The cause of death section was expanded by the addition of a fourth line to provide more room for describing the conditions. New items on the 1989 death certificate include education, Hispanic origin, and a check box for autopsy finding available prior to completion of cause of death. The rationale for changes to the two certificates and one report is to provide better and more comprehensive statistical information on public health needs and to measure the effectiveness of initiatives designed to address these problems.

Many factors must be considered for the correct interpretation of vital statistics. Completeness and timeliness of registration is one of these factors. Because of concentrated efforts of the Tennessee Department of Health to record vital events as well as the public's need for vital records, it is believed that most events in Tennessee are registered. Characteristics peculiar to a certain area, such as proximity to a military base, affect the vital statistics of that area. In addition, knowledge of the racial and age composition of the population is important for proper interpretation.

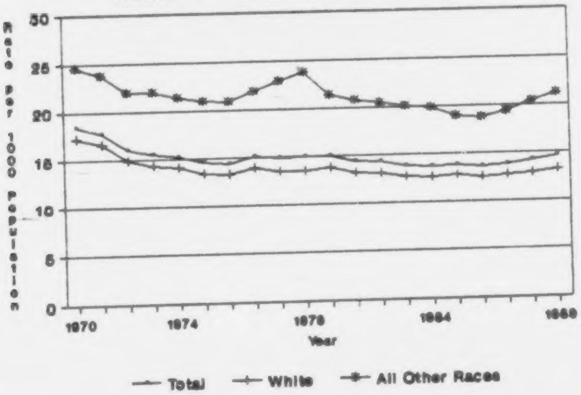
The population for Tennessee of 5,011,194 used in this Bulletin was estimated by the Department of Sociology at the University of Tennessee in Knoxville. The estimates were based on the 1980 Census and were completed using the cohort component method. The elements of this estimated population were used for calculation of rates per population for the State and for the counties by race, sex, and/or age groups. Estimates for city populations for 1989 were obtained by calculating the ratio of the 1988 city population to the 1988 county population and by applying this ratio to the 1989 county population and adding city annexations between July 1, 1988 and June 30, 1989; distribution by race was based on the 1980 Census. Blacks are estimated to comprise 96.1 percent of the population of all nonwhite races in Tennessee during 1989.

DISCUSSION OF VITAL STATISTICS, 1989

Births. During 1989, there were 73,137 live births to residents of Tennessee, yielding a birth rate of 14.6 per 1,000 population. The number of births showed an increase of 3.5 percent over the 70,685 births reported in 1988. The birth rate of 14.6 in 1989 represented an increase of 2.1 percent over the rate of 14.3 for the preceding year.

In 1989, resident white births numbered 54,504, an increase of 2.7 percent over the 53,053 births in 1988. The birth rate of 13.2 per 1,000 white population in 1989 was 1.5 percent higher than the rate of 13.0 in 1988. The 18,620 births of races other than white in 1989 represented a 5.6 percent increase over the 17,625 births in 1988. The birth rate of 21.2 for other races in 1989 was an increase of 3.9 percent over the rate of 20.4 for 1988. In 1989, the birth rate for all other races was over one and one-half times the rate for the white population.

FIGURE 1. BIRTH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1989



The trend of the birth rate for the past 20 years is shown in Figure 1. This trend may be described as generally downward, fluctuating throughout the period, 1970-1989, from a high rate of 18.4 per 1,000 live births in 1970, to a record low of 13.6 during 1986. During the last 3 years the rate has shown an upward trend with the 1989 birth rate being the highest since 1980. The record high birth rate of 26.7 occurred in 1947. The patterns of change in the birth rates for the whites and the population of other races have been similar to the trend of the total birth rates, but rates for the population of races other than white have remained at a level approximately one and one-half times higher than that for the white population.

During the period 1970-1989, the number of females of childbearing age (15-44 years) in Tennessee increased by 38.4 percent. The general fertility rate (number of resident live births per 1,000 females 15-44 years of age) declined from 85.9 in 1970 to 62.8 in 1989, a decrease of 26.9 percent. From 1970 to 1989, Tennessee age-specific fertility rates (number of live births to women of a specific age group per 1,000 female population in the same age group) decreased 25.6 percent for women aged 20-24 years, while the women aged 30-34 years decreased only 7.9 percent. Women aged 15 to 34 years accounted for 94.1 percent of the births in 1970, and 93.6 percent of the resident births in 1989.

TABLE 1. BIRTH AND DEATH RATES AND RATE OF NATURAL INCREASE PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

	All Races	White	All Other Races
Birth rate	14.6	13.2	21.2
Death rate	9.1	9.1	8.8
Rate of natural increase . . .	5.5	4.1	12.4

For residents of Tennessee in 1989, the birth rate exceeded the crude death rate for a rate of natural increase of 5.5 per 1,000 population (Table 1). The rate of natural increase in 1989 was 7.8 percent higher than in 1988. For the white population, the rate of natural increase was 4.1 per 1,000 population. The rate was 12.4 for races other than white; thus, the rate of natural increase for races other than white was over three times that for whites.

Of the 73,137 resident births in 1989, there were 37,466 males and 35,670 females. This gives a sex ratio of 1,050 male births to 1,000 female births, compared to a ratio of 1,060 in 1988.

During 1989, there were 1,644 resident live births occurring in multiple deliveries; 1,605 births were of twins and 39 births were of triplets. The number of live births occurring in multiple deliveries may not be indicative of the number of sets of multiple births due to one or more members of a set not being born alive.

In 1989, of the total resident births, 72,650 or 99.3 percent occurred in hospitals. For white births, 54,069 or 99.2 percent occurred in hospitals, while for races other than white, 18,571 or 99.7 percent occurred in hospitals. Of the 487 births that were not delivered in hospitals, 92 were attended by a physician, while 393 births were attended by a certified nurse-midwife, other midwife, or other type of attendant.

TABLE 2. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Weight Group	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	73,137	100.0	54,504	100.0	18,620	100.0
Low birthweight	6,024	8.2	3,546	6.5	2,477	13.3
Under 1,000 grams	578	0.8	273	0.5	305	1.6
Under 500 grams	142	0.2	61	0.1	81	0.4
500-999 grams	436	0.6	212	0.4	224	1.2
1,000-1,499 grams	576	0.8	332	0.6	244	1.3
1,500-1,999 grams	1,158	1.6	698	1.3	460	2.5
2,000-2,499 grams	3,714	5.1	2,245	4.1	1,468	7.9
2,500-2,999 grams	12,886	17.6	8,475	15.5	4,410	23.7
3,000-3,499 grams	27,044	37.0	19,935	36.6	7,100	38.2
3,500-3,999 grams	20,153	27.6	16,434	30.2	3,714	19.9
4,000-4,499 grams	5,903	8.1	5,141	9.4	760	4.1
4,500 grams and over	1,093	1.5	956	1.8	137	0.7
Unknown weight	34	0.0	17	0.0	13	0.1

Totals may include one or more births with race not stated.

Table 2 shows the distribution of births according to birthweight. During 1989, low birthweight (less than 2,500 grams) babies accounted for 6,024, or 8.2 percent, of total live births. The proportion of low birthweight infants varied by race. Races other than white exhibited a much higher percentage of low weight births when compared with white births, 13.3 percent and 6.5 percent, respectively.

The highest proportion of high birthweight (4,000 grams or more) infants was to whites with 11.2 percent compared with 4.8 percent for races other than white.

TABLE 3. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO AGE OF MOTHER, BY RACE OF CHILD, RESIDENT DATA, TENNESSEE, 1989

Age of Mother	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	73,137	100.0	54,504	100.0	18,620	100.0
Under 15 years	310	0.4	98	0.2	211	1.1
15–17 years	4,516	6.2	2,712	5.0	1,803	9.7
18–19 years	7,963	10.9	5,420	9.9	2,542	13.7
20–24 years	22,845	31.2	16,582	30.4	6,261	33.6
25–29 years	21,216	29.0	16,718	30.7	4,497	24.2
30–34 years	11,891	16.3	9,521	17.5	2,368	12.7
35–39 years	3,780	5.2	2,979	5.5	799	4.3
40–44 years	542	0.7	418	0.8	124	0.7
45 years and over	11	0.0	8	0.0	3	0.0

Totals may include one or more births with race of child and/or age of mother not stated.

During the 10-year period, 1980-1989, the percentage of low birthweight infants has remained relatively stable. However, the percentage change of infants with very low birthweight (VLBW) (less than 1,500 grams) increased 20.8 percent for races other than white between the years 1980-1989, while the percentage of white infants increased 10.0 percent.

In 1989, of the 73,137 resident births, 17.5 percent or 12,789 births occurred to mothers less than 20 years of age (Table 3). Of the 54,504 white births, 8,230 or 15.1 percent occurred to teenage mothers, while 24.5 percent or 4,556 of the 18,620 births of other races were to teenage mothers. Of the total 73,137 resident births, 44,061 or 60.2 percent were to mothers aged 20-29 years; 61.1 percent of white births and 57.8 percent of the births of other races occurred to mothers in this age group.

In 1989, it was indicated on 70,738 or 96.7 percent of the birth certificates that the mother had received some prenatal care (Table 4).

TABLE 4. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, BY MONTH OF PREGNANCY PRENATAL CARE BEGAN AND RACE OF CHILD, RESIDENT DATA, TENNESSEE, 1989

Number of Prenatal Visits	Total	Month of Pregnancy Prenatal Care Began				
		1st-3rd Month	4th-6th Month	7th-9th Month	No Care	Not Stated
			All Races			
Total	73,137	54,975	13,413	2,350	1,189	1,210
No visits	1,189	-	-	-	1,189	-
1-4 visits	3,954	1,359	1,496	1,099	-	-
5-9 visits	14,385	7,716	5,662	1,007	-	-
10-14 visits	40,321	34,789	5,316	216	-	-
15-19 visits	9,745	8,997	727	21	-	-
20 or more visits	2,333	2,114	212	7	-	-
Not stated	1,210	-	-	-	-	1,210
			White			
Total	54,504	42,931	8,679	1,510	540	844
No visits	540	-	-	-	540	-
1-4 visits	1,688	446	622	620	-	-
5-9 visits	9,940	5,453	3,784	703	-	-
10-14 visits	31,542	27,741	3,638	163	-	-
15-19 visits	8,092	7,560	514	18	-	-
20 or more visits	1,858	1,731	121	6	-	-
Not stated	844	-	-	-	-	844
			All Other Races			
Total	18,620	12,039	4,732	840	649	360
No visits	649	-	-	-	649	-
1-4 visits	2,266	913	874	479	-	-
5-9 visits	4,443	2,262	1,877	304	-	-
10-14 visits	8,774	7,044	1,677	53	-	-
15-19 visits	1,653	1,437	213	3	-	-
20 or more visits	475	383	91	1	-	-
Not stated	360	-	-	-	-	360

Totals may include one or more births with race not stated.

A mother was considered to have received prenatal care when the birth certificate contained information specifying the month that prenatal care began and a number of visits greater than zero. On 1,210 or 1.7 percent of the birth certificates, it could not be determined whether or not the mother had received prenatal care. On 1.6 percent or 1,189 certificates, the mother stated that no prenatal care was received. Mothers of 53,120 white newborns or 97.5 percent received prenatal care, and mothers of 17,611 newborns of other races or 94.6 percent received care.

For those who received care, 80.8 percent of mothers of white newborns began care during the first trimester of pregnancy, while only 68.4 percent of mothers of newborns of other races began care this early. As education increased, the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education, 62.6 percent began care during the first trimester. In contrast, 93.7 percent of the college graduates receiving care began in the first trimester.

There was an inverse relationship between the number of previous pregnancies and the receipt of prenatal care. In 1989, for mothers with no previous pregnancies, 97.4 percent received prenatal care, while 94.8 percent of those with four previous pregnancies and 90.7 percent of those with six or more previous pregnancies received care.

In 1989, of the 73,137 resident live births in Tennessee, 21,268 or 29.1 percent were reported as illegitimate. This represented a 5.4 percent increase over the percentage of illegitimate births in 1988. Of the total number of illegitimate births to residents of the State, 8,794 were white and 12,470 were of other races. Illegitimate births accounted for 16.1 percent of white births in 1989, while 67.0 percent of births of other races were illegitimate. From 1988 to 1989, the percentage of births reported to be illegitimate in both the white population and the population of races other than white showed increases (9.5 and 1.1, respectively).

Table 5 shows the percentages of births by race which were illegitimate for the 30-year period, 1960-1989. The percentages that were reported as illegitimate for births of races other than white were over 4 to almost 11 times those for whites throughout this time period. The percentage of total births reported to be illegitimate increased gradually from 8.7 percent in 1960 to 29.1 percent in 1989. The increase in percentages, however, was greatest among whites.

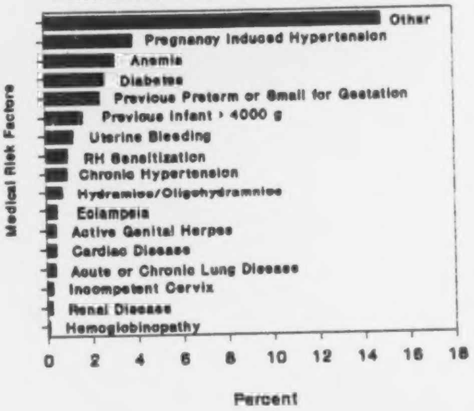
TABLE 5. PERCENTAGE OF LIVE BIRTHS REPORTED TO BE ILLEGITIMATE, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1989

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1960...	8.7	2.7	29.4	1975...	15.8	5.9	50.6
1961...	9.3	3.0	31.3	1976...	16.5	6.1	53.3
1962...	9.5	3.1	32.1	1977...	16.6	6.7	52.2
1963...	9.7	3.1	32.8	1978...	18.2	7.4	54.1
1964...	9.9	3.2	33.9	1979...	19.1	8.1	55.1
1965...	11.2	3.8	36.4	1980...	19.8	8.8	56.2
1966...	11.3	4.0	37.2	1981...	20.4	9.2	57.0
1967...	11.8	4.1	39.6	1982...	20.9	9.7	58.7
1968...	11.8	4.4	39.1	1983...	22.0	10.5	60.9
1969...	11.8	4.5	39.3	1984...	22.9	11.2	62.0
1970...	12.5	4.6	41.5	1985...	24.3	12.2	63.3
1971...	12.9	4.5	43.9	1986...	25.3	13.0	64.6
1972...	14.4	5.2	47.9	1987...	26.3	13.8	65.3
1973...	14.9	5.3	49.0	1988...	27.6	14.7	66.3
1974...	14.9	5.4	49.3	1989...	29.1	16.1	67.0

In 1989, there were 5,853 births recorded in Tennessee to mothers who were residents of other states, U.S. possessions, and foreign countries and 1,312 births recorded in other states to Tennessee mothers. The recorded birth rate of 15.5 per 1,000 population was higher than the resident rate of 14.6. Both rates were also higher in 1989 than in 1988 when the recorded birth rate was 15.3 and the resident birth rate was 14.3.

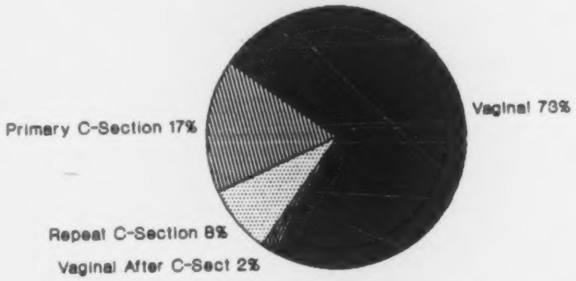
Beginning in 1989, the newly revised birth certificates provided better information on demographic, behavioral, and medical factors influencing fertility and pregnancy outcomes. Analysis of certain medical risk factors relating to the mother may provide new insight into the causes of low birthweight and other adverse pregnancy outcomes. Figure 2 shows the distribution of risk factors occurring to Tennessee residents reported on 1989 birth certificates. Of the total 73,137 live births, 72.0 percent reported 'none or unknown medical risk factors for this pregnancy'. The remaining 28.0 percent had one of the 18 risk factors listed on the certificate or specified the presence of an 'other risk factor'.

FIGURE 2. PERCENTAGE OF BIRTHS WITH REPORTED MEDICAL RISK FACTORS, RESIDENT DATA, TENNESSEE, 1989



Data on method of delivery are shown in Figure 3. Vaginal delivery was by far the most common method of delivery, accounting for 73.3 percent. Primary Cesarean section (C-section) was next at 16.7 percent, followed by repeat C-section at 8.3 percent. Vaginal births after previous C-section accounted for the remaining 1.7 percent.

FIGURE 3. PERCENTAGE OF BIRTHS BY METHOD OF DELIVERY, RESIDENT DATA, TENNESSEE, 1989



Percents are based on births with these methods of delivery reported.

Fetal Deaths: During 1989, there were 421 fetal deaths reported for mothers who were residents of the State, giving a new record low fetal death ratio of 5.8 per 1,000 live births. The fetal death ratio decreased 62.6 percent from 15.5 in 1970 to 5.8 in 1989.

Legal criteria for reporting a fetal death to the Tennessee Department of Health changed during the time period included in this Bulletin. Caution should be exercised when comparing fetal death data from different years. Prior to January 1, 1978, the law required registration of fetal deaths of 20 or more weeks gestation. With the enactment of the Vital Records Act of 1977, to be reported as a fetal death, the fetus must have been of 20 completed weeks or more gestation or weighed 350 grams or more; this reporting requirement was in effect from January 1, 1978 through April 11, 1979. As of April 12, 1979, the Vital Records Act of 1977 was amended so that a fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more is reportable.

TABLE 6. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Weight Group	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	421	100.0	288	100.0	132	100.0
Under 1,000 grams	126	29.9	79	27.4	46	34.8
1,000-1,499 grams	64	15.2	36	12.5	28	21.2
1,500-1,999 grams	52	12.4	34	11.8	18	13.6
2,000-2,499 grams	54	12.8	43	14.9	11	8.3
2,500 grams and over	112	26.6	85	29.5	27	20.5
Unknown weight	13	3.1	11	3.8	2	1.5

Of the 421 fetal deaths reported as resident events, 99.8 percent were delivered in hospitals. During the past 20 years, there has been an increase in the percentage of fetal deaths delivered in hospitals similar to that for live births.

The distribution of reported fetal deaths by weight at delivery in 1989 is given in Table 6. Of the 421 fetal deaths, 126 or 29.9 percent weighed under 1,000 grams compared with 1988 when there were 152 or 32.2 percent in this weight group. In 1989, of the 288 white fetal deaths, 79 or 27.4 percent weighed under 1,000 grams compared to the 46 or 34.8 percent of the 132 fetal deaths of all other races.

Causes of fetal deaths were classified according to the *Ninth Revision International Classification of Diseases*, 1975. Table 7 shows the underlying causes of the 421 fetal deaths by race in 1989.

TABLE 7. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO CAUSE, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Fetal Death	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	421	100.0	288	100.0	132	100.0
Congenital anomalies (740-759)	27	6.4	23	8.0	4	3.0
Maternal conditions which may be unrelated to pregnancy (760.1-760.9)	6	1.4	3	1.0	3	2.3
Maternal complications of pregnancy (760.0,761)	22	5.2	12	4.2	10	7.6
Complications of placenta (762.0-762.3)	77	18.3	59	20.5	17	12.9
Complications of cord (762.4-762.6)	64	15.2	57	19.8	7	5.3
Complications of membranes (762.7-762.9)	11	2.6	3	1.0	8	6.1
Other complications of labor and delivery (763)	1	0.2	-	-	1	0.8
Immaturity (765)	9	2.1	6	2.1	3	2.3
Intrauterine hypoxia and birth asphyxia (768)	9	2.1	7	2.4	2	1.5
Other and ill-defined conditions originating in the perinatal period (779)	181	43.0	105	36.5	76	57.6
Other and ill-defined causes	14	3.3	13	4.5	1	0.8

Complications of placenta was the reported leading cause of fetal deaths for all races combined and for both racial groups with complications of cord the second leading cause. Other and ill-defined conditions originating in the perinatal period was the cause of 43.0 percent of the total fetal deaths in 1989.

Induced Abortions: Beginning with 1982, improved resident data for abortions were available due to better cooperation between the states in the interstate transfer of abortion reports. Because of this improvement, resident abortion data for 1982-1989 are not comparable with resident abortion data from previous years.

In 1989, there were 18,183 abortions performed on women who were residents of Tennessee. This corresponds to a ratio of 248.6 abortions per 1,000 resident live births. Of the 18,183 Tennessee women obtaining abortions, 17,126 or 94.2 percent obtained the abortion in Tennessee while the remainder were obtained in 13 other states.

TABLE 8. NUMBER OF INDUCED ABORTIONS ACCORDING TO RACE OF WOMAN WITH RATIOS PER 1,000 LIVE BIRTHS, RESIDENT DATA, TENNESSEE, 1982-1989

	All Races		White		All Other Races	
Year	Number	Ratio	Number	Ratio	Number	Ratio
1982	17,611	262.5	13,264	255.3	4,331	286.3
1983	17,559	268.2	12,956	255.8	4,597	310.5
1984	17,967	276.7	12,541	250.1	5,391	364.7
1985	18,155	272.1	12,525	244.4	5,589	361.3
1986	18,929	285.7	12,853	253.2	6,058	391.7
1987	18,816	276.9	12,558	242.8	6,218	383.5
1988	19,305	273.1	12,687	237.1	6,553	381.8
1989	18,183	248.6	11,486	208.6	6,660	368.7

Totals may include one or more events with race not stated.

There were 11,486 white women and 6,660 women of other races who obtained abortions in 1989. The ratio of abortions per 1,000 live births was higher for women of other races than for white women (368.7 and 208.6, respectively) Table 8.

TABLE 9. NUMBER AND PERCENT DISTRIBUTION OF INDUCED ABORTIONS ACCORDING TO AGE AND RACE OF WOMAN, RESIDENT DATA, TENNESSEE, 1989

	All Races		White		All Other Races	
Age of Woman	Number	Percent	Number	Percent	Number	Percent
Total	18,183	100.0	11,486	100.0	6,660	100.0
Under 15 years	203	1.1	82	0.7	120	1.8
15-17 years	1,823	10.0	1,169	10.2	652	9.8
18-19 years	2,954	16.2	2,013	17.5	939	14.1
20-24 years	5,943	32.7	3,682	32.1	2,251	33.8
25-29 years	3,738	20.6	2,307	20.1	1,421	21.3
30-34 years	2,169	11.9	1,348	11.7	816	12.3
35-39 years	1,058	5.8	668	5.8	386	5.8
40-44 years	258	1.4	191	1.7	64	1.0
45 years and over ..	16	0.1	13	0.1	3	0.0
Not stated	21	0.1	13	0.1	8	0.1

Totals may include one or more events with race not stated.

Of the Tennessee women obtaining induced abortions in 1989, 27.4 percent were 19 years of age or younger; 32.7 percent were from 20-24 years of age; and 39.8 percent were 25 years of age or older. This distribution varied slightly according to race as shown in Table 9.

Pregnancies: With the legalization of and resulting increase in abortions, it is important to look at total reported pregnancies to analyze fertility. The number of pregnancies is the sum of live births, reportable fetal deaths, and reported induced abortions. Table 10 shows the number of pregnancies with rates per 1,000 female population by race and age of woman. The number of pregnancies for 1989 was 91,740 with a rate of 62.1 per 1,000 female population aged 10-49. The rates were higher for all other races than for whites in all age groups except age 45-49 years where the rates are the same. At age 10-14 years, the pregnancy rate for all other races exceeded the white rate by 550.0 percent (9.1 and 1.4, respectively). The rate of 138.9 for all other races aged 25-29 was only 21.9 percent higher than the rate of 113.9 for white females.

Table 11 shows the number of teen pregnancies (age 10-19 years) with rates per 1,000 female population by race and age of woman for 1989. The rates for other races teens were almost twice as high as for the white teens (83.1 and 42.7, respectively).

During 1989, 71.7 percent of the reported pregnancies to women under 20 years of age resulted in a live birth, 27.9 percent in an abortion, and 0.4 percent in a fetal death.

The female population 10-17 years of age decreased between 1975 and 1989, from 321,085 in 1975 to 273,859 in 1989, a decrease of over 47,000 or 14.7 percent. For the 15-year period, 1975-1989, the pregnancy rates among teens, (10-17 years of age) decreased

3.1 percent, from 25.9 in 1975, to 25.1 in 1989. For whites in this same age group and period of time, the pregnancy rates decreased 9.0 percent, from 21.0 to 19.1, while the pregnancy rates for teens of all other races increased 1.3 percent, from 46.1 in 1975 to 46.7 in 1989 (Figure 4).

TABLE 10. NUMBER OF PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1989

Age of Woman	Pregnancies				
	Total Number	Total Rate	Live Births	Fetal Deaths	Induced Abortions
			All Races		
Total	91,740	62.1	73,136	421	18,183
10–14 years	517	3.1	310	4	203
15–17 years	6,368	59.1	4,516	29	1,823
15 years	1,064	30.2	731	5	328
16 years	2,055	57.1	1,381	11	663
17 years	3,249	89.0	2,404	13	832
18 years	5,118	139.1	3,554	19	1,545
19 years	5,845	158.7	4,409	27	1,409
20–24 years	28,905	155.3	22,845	117	5,943
25–29 years	25,061	118.9	21,216	107	3,738
30–34 years	14,123	66.4	11,891	63	2,169
35–39 years	4,870	24.8	3,780	32	1,058
40–44 years	807	4.6	542	7	258
45–49 years	26	0.2	10	-	16
			White		
Total	66,833	55.7	55,059	288	11,486
10–14 years	181	1.4	98	1	82
15–17 years	3,926	46.1	2,737	20	1,169
15 years	525	18.9	329	4	192
16 years	1,251	43.9	819	7	425
17 years	2,150	74.3	1,589	9	552
18 years	3,452	118.2	2,395	12	1,045
19 years	4,092	139.9	3,105	19	968
20–24 years	20,539	138.5	16,776	81	3,682
25–29 years	19,240	113.9	16,861	72	2,307
30–34 years	10,997	64.0	9,604	45	1,348
35–39 years	3,693	22.9	3,005	20	668
40–44 years	617	4.1	420	6	191
45–49 years	21	0.2	8	-	13
			All Other Races		
Total	24,853	89.5	18,062	131	6,660
10–14 years	334	9.1	211	3	120
15–17 years	2,439	108.0	1,778	9	652
15 years	538	71.9	402	1	135
16 years	802	106.4	561	4	237
17 years	1,099	145.3	815	4	280
18 years	1,664	219.6	1,158	7	499
19 years	1,752	231.5	1,304	8	440
20–24 years	8,354	220.6	6,067	36	2,251
25–29 years	5,806	138.9	4,353	34	1,421
30–34 years	3,117	75.8	2,264	17	816
35–39 years	1,171	33.4	773	12	386
40–44 years	187	6.9	122	1	64
45–49 years	5	0.2	2	-	3

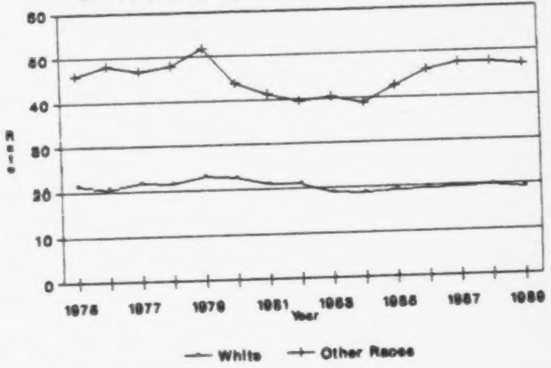
Totals may include one or more events with race and/or sex not stated.

TABLE 11. NUMBER OF TEEN PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE. 1989

Age	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
10–19 Years	17,848	51.4	11,651	42.7	6,189	83.1
10–14 Years	517	3.1	181	1.4	334	9.1
15–17 Years	6,368	59.1	3,926	46.1	2,439	108.0
18–19 Years	10,963	148.9	7,544	129.0	3,416	225.6

Totals may include one or more events with race and/or sex not stated.

FIGURE 4. PREGNANCY RATES AMONG TEENS, AGED 10-17 YEARS, BY RACE, RESIDENT DATA, TENNESSEE, 1975-1989



Rate per 1,000 female population aged 10-17 Years.

Deaths: Beginning with 1979 events, the underlying causes of deaths have been classified under the title numbers of the *Ninth Revision of the International Classification of Diseases*. For the period 1968-1978, data were classified under the title numbers of the *Eighth Revision of the International Classification*.

Because the *Ninth Revision* represents some major changes from the groupings of diseases in the *Eighth Revision*, some regrouping of deaths by cause for the years prior to 1979 has been made in this Bulletin. Data for selected causes of death given in Table II is shown according to category titles of the *Ninth Revision*. In order to fit as nearly as possible the deaths by cause for the years prior to 1979 into the same categories as those for 1979-1989, a correspondence of code numbers for the *Eighth* and *Ninth Revisions* was used. This correspondence is shown in Appendix B on page 99.

Caution should be exercised in making any comparison of mortality by cause for deaths for 1979-1989 with that for previous years.

During 1989, deaths to Tennessee residents numbered 45,362, a decrease of 0.8 percent from the 45,728 deaths in 1988. The death rate of 9.1 per 1,000 population showed a slight decrease from the rate of 9.2 in 1988.

In 1989, the 37,575 deaths among the white race showed a decrease of 1.5 percent from the 38,157 deaths for 1988, but the 7,782 deaths among all other races increased 2.8 percent over the 7,567 deaths during 1988. For the white race in 1989, the death rate of 9.1 per 1,000 white population represented a 2.2 percent decrease from the rate of 9.3 for the preceding year; the death rate of 8.8 per 1,000 population for races other than white represented an increase of 1.1 percent over the rate of 8.7 in 1988.

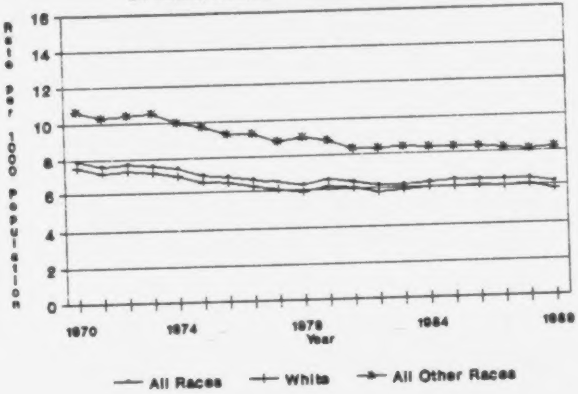
TABLE 12. AGE-ADJUSTED* DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1989

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1970...	7.9	7.5	10.7	1980...	6.6	6.2	8.8
1971...	7.6	7.2	10.3	1981...	6.4	6.1	8.3
1972...	7.7	7.3	10.4	1982...	6.2	5.8	8.3
1973...	7.6	7.2	10.5	1983...	6.2	5.9	8.4
1974...	7.4	7.0	10.0	1984...	6.3	6.0	8.3
1975...	7.0	6.6	9.7	1985...	6.4	6.0	8.3
1976...	6.9	6.5	9.3	1986...	6.4	6.1	8.3
1977...	6.7	6.3	9.3	1987...	6.4	6.0	8.2
1978...	6.5	6.1	8.8	1988...	6.4	6.1	8.1
1979...	6.3	5.9	9.0	1989...	6.2	5.8	8.2

*Adjusted to age distribution of 1940 Census population of the United States.

Since death rates vary by age, the crude death rate is affected by the age composition of the population. In order to remove the effect of the changing age distribution of the population, age-adjusted death rates have been computed by race for the years 1970-1989 and are shown in Table 12 and Figure 5. These adjusted rates were calculated using the direct method with the total enumerated population of the United States in 1940 as a standard.

FIGURE 5. AGE-ADJUSTED DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, 1970-1989



If the age composition of the population of Tennessee had been the same in 1989 as that of the United States in 1940, the death rate for the total population would have been 6.2 per 1,000 population rather than the crude rate of 9.1. This adjusted rate for 1989 was 21.5 percent lower than the comparable rate for 1970, while the crude death rate for 1989 was just 6.2 percent lower than the crude death rate for 1970. In comparison to 1970, there is an increased number of older persons in the 1989 population among whom the risk of death is greatest. By comparing only crude death rates, the progress made in reducing mortality since 1970 is concealed due to the increasing proportion of older people in the population.

From 1970 to 1989, the age-adjusted death rate for the white population declined by 22.7 percent, while the rate for all other races showed a 23.4 percent decline. The age-adjusted death rate for all other races in 1989 was 41.4 percent higher than that for whites; whereas, the comparison of crude death rates showed that the rate for all other races was 3.3 percent lower than the rate for the white population.

Age-specific death rates by race and sex for 1989 are given in Table 13. In the total population, death rates were high during infancy but were low during childhood years. After 44 years of age, the rates increased sharply and were at the highest level for persons in the 85 years and over age group. The rates for races other than white were at a higher level than those for whites except between the ages of 10-19 and the 85 years and over age group. Mortality was higher among males than among females for all age groups in both races except age group 5-9 for whites where both male and female rates were 0.2 per 1,000 population. Males of both races in every age group 10-44 years experienced death rates at least twice as high as their female counterparts.

TABLE 13. DEATH RATES PER 1,000 POPULATION, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

Age Group	All Races Total	White Total	White Male	White Female	All Other Races Total	All Other Races Male	All Other Races Female
All ages	9.1	9.1	9.8	8.4	8.8	9.8	8.0
Under 1 year+	10.8	8.4	9.9	6.8	17.7	19.8	15.5
1-4 years	0.4	0.3	0.4	0.3	0.6	0.8	0.4
5-9 years	0.2	0.2	0.2	0.2	0.3	0.3	0.2
10-14 years	0.3	0.3	0.4	0.2	0.3	0.5	0.1
15-19 years	1.0	1.0	1.4	0.6	0.8	1.3	0.3
20-24 years	1.1	1.0	1.5	0.5	1.3	2.2	0.4
25-29 years	1.2	1.1	1.6	0.6	1.7	2.4	1.1
30-34 years	1.5	1.4	1.9	0.8	2.1	3.0	1.3
35-44 years	2.2	1.9	2.6	1.3	3.6	5.0	2.4
45-54 years	5.0	4.5	6.1	3.1	8.2	11.2	5.7
55-64 years	13.3	12.4	16.9	8.5	19.2	25.3	14.4
65-74 years	29.5	27.8	39.2	19.3	42.2	56.7	32.2
75-84 years	66.7	65.3	89.7	51.7	76.2	101.7	61.8
85 years and over ..	117.9	119.2	136.0	112.4	110.4	122.4	104.8

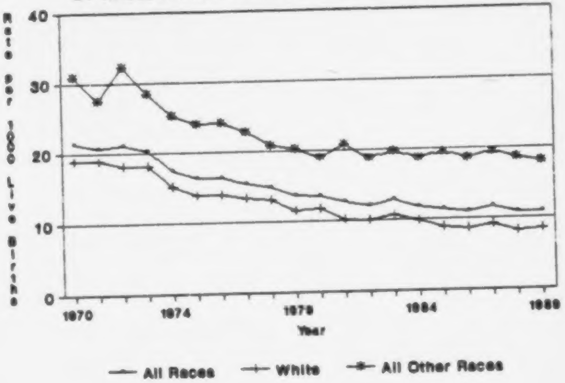
+Rate per 1,000 live births.

In 1989, the number of deaths to Tennessee residents was 45,362 or 3,153 fewer than the 48,515 deaths recorded in the State. Thus, there were more deaths of nonresidents occurring in Tennessee (4,112) than there were deaths of Tennessee residents occurring in other states (959).

Infant Mortality: In Tennessee during 1989, there were 789 resident infant deaths. The 1989 infant mortality rate of 10.8 per 1,000 live births matched the record low rate of the previous year. The number of infant deaths was 3.5 percent higher than the 762 infant deaths in 1988. Figure 6 gives infant mortality rates for the past 20 years. The number of infant deaths and the mortality rates for the years 1970-1989 are given in Table I.

White infant deaths increased from 438 deaths in 1988 to 459 deaths in 1989, while infant deaths of races other than white increased from 324 deaths in 1988 to 330 deaths in 1989. The corresponding infant mortality rates in 1989 were 8.4 for whites and 17.7 for races other than white.

FIGURE 6. INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1970-1989



In 1989, there were 466 male infant deaths and 322 female infant deaths. The mortality rate of 12.4 per 1,000 live births experienced by male infants was 37.8 percent higher than the rate of 9.0 for female infants.

Table 14 presents the leading causes of infant deaths during 1989. Among the 789 infant deaths for Tennessee residents, the leading cause of infant mortality was attributed to sudden infant death syndrome with 138 deaths and rate of 1.9 per 1,000 live births.

Congenital anomalies was the second leading cause of death for all races combined with 132 deaths and a rate of 1.8, but was also the leading cause of white infant mortality, with 97 deaths and a rate of 1.8. For infants other than white, the leading cause of death was disorders relating to short gestation and unspecified low birthweight with 52 deaths and a rate of 2.8. Sudden infant death syndrome ranked second for both white infants and infants of other races, resulting in the death of 90 white infants and 48 infants of other races. The corresponding rates were 1.7 and 2.6, respectively.

TABLE 14. LEADING CAUSES OF INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races Number	All Races Rate	White Number	White Rate	All Other Races Number	All Other Races Rate
All causes	789	10.8	459	8.4	330	17.7
1. Sudden infant death syndrome (798.0)	138	1.9	90	1.7	48	2.6
2. Congenital anomalies (740–759)	132	1.8	97	1.8	35	1.9
3. Disorders relating to short gestation and unspecified low birthweight (765)	87	1.2	35	0.6	52	2.8
4. Respiratory distress syndrome (769)	60	0.8	41	0.8	19	1.0
5. Infections specific to the perinatal period (771)	25	0.3	13	0.2	12	0.6
6. Newborn affected by complications of placenta, cord, and membranes (762)	21	0.3	13	0.2	8	0.4
7. Accidents and adverse effects (E800–E949)	19	0.3	10	0.2	9	0.5
8. Pneumonia and influenza (480–487)	14	0.2	10	0.2	4	0.2
9. Septicemia (038)	12	0.2	8	0.1	4	0.2
10. Newborn affected by maternal complication of pregnancy (761)	11	0.2	10	0.2	1	0.1

Mortality rates per 1,000 live births for infants of all other races were higher than those for white infants for all of the causes of death listed in Table 14 except for newborn affected by maternal complication of pregnancy and also, for pneumonia and influenza for which the rates were the same for both races.

Infant deaths by age at death and by race with rates per 1,000 live births are shown for 1989 in Table 15. Of the 789 infant deaths, 63.4 percent or 500 occurred during the neonatal period, the first 27 days of life. The neonatal mortality rate in 1989 was 6.8 per 1,000 live births, 4.6 percent higher than in 1988. Of the 500 neonatal deaths, 272 or 54.4 percent occurred among babies under 1 day of age, and an additional 145 or 29.0 percent died at 1-6 days of age; thus, 83.4 percent of the neonatal deaths occurred within the first week of life.

TABLE 15. NUMBER OF INFANT DEATHS BY AGE AT DEATH WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Age at Death	All Races Number	All Races Rate	White Number	White Rate	All Other Races Number	All Other Races Rate
Total, under 1 year	789	10.8	459	8.4	330	17.7
Neonatal (under 28 days)	500	6.8	279	5.1	221	11.9
Under 1 day	272	3.7	151	2.8	121	6.5
1-6 days	145	2.0	84	1.5	61	3.3
7-27 days	83	1.1	44	0.8	39	2.1
Under 1 month	503	6.9	282	5.2	221	11.9
1 month	69	0.9	45	0.8	24	1.3
2 months	80	1.1	52	1.0	28	1.5
3 months	37	0.5	20	0.4	17	0.9
4 months	25	0.3	16	0.3	9	0.5
5 months	19	0.3	10	0.2	9	0.5
6 months	17	0.2	13	0.2	4	0.2
7 months	14	0.2	8	0.1	6	0.3
8 months	3	0.0	1	0.0	2	0.1
9 months	10	0.1	5	0.1	5	0.3
10 months	4	0.1	3	0.1	1	0.1
11 months	8	0.1	4	0.1	4	0.2

Of the 500 neonatal deaths in 1989, whites accounted for 279 deaths and other races, 221; corresponding rates were 5.1 per 1,000 white live births and 11.9 per 1,000 live births for all other races. The neonatal mortality rate for infants of other races was more than twice as high as that for white infants. This racial differential represented a slight increase when compared to that of 1988 when the neonatal mortality rate was 11.3 for other races and 4.9 for white infants.

The two leading causes of death in the neonatal period were congenital anomalies with 100 deaths; followed by disorders relating to short gestation and unspecified low birthweight with 87 deaths.

Mortality in the postneonatal period was much lower than in the neonatal period. In 1989, there were 289 postneonatal deaths with a rate of 4.0 per 1,000 live births. The postneonatal mortality rate of 3.3 per 1,000 live births for white infants decreased by 2.9 percent from the rate of 3.4 in 1988; however, the postneonatal mortality rate of 5.9 for all other races in 1989 decreased by 15.7 percent from the comparable rate of 7.0 in the preceding year.

The two leading causes of death in the postneonatal period were sudden infant death syndrome with 126 deaths followed by congenital anomalies with 32 deaths.

Maternal Mortality: Two Tennessee mothers were reported to have died from complications of pregnancy, childbirth, and the puerperium in 1989 giving a maternal mortality rate of 0.3 per 10,000 live births. In 1988, there were eight maternal deaths with a corresponding rate of 1.1. One of the maternal deaths in 1989 was a white women and one was of other races. The cause of the two maternal deaths was toxemia of pregnancy.

Principal Causes of Death: The groupings of principal causes of death in the tables that follow are in accordance with national recommendations and the *Ninth Revision International Classification of Diseases*, 1975.

The seven principal causes of death (as shown in Table 16) accounted for 35,624 or 78.5 percent of the total 45,362 deaths of Tennessee residents in 1989. The leading causes were the same as in 1988. Three of the seven showed increases in the death rates from 1988 to 1989. The death rate in 1989 for diabetes mellitus showed the largest increase, 25.3 percent higher than the rate of 14.6 in 1988. Other increases are as follows: malignant neoplasms with an increase of 1.8 percent and chronic obstructive pulmonary disease and allied conditions, with an increase of 0.6 percent. The four leading causes of death that showed decreases in rate from 1988 were: pneumonia and influenza, 8.0 percent; accidents and adverse effects, 7.5 percent; cerebrovascular disease, 5.4 percent; and diseases of heart, 5.1 percent.

TABLE 16. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	Deaths	
	Number	Rate
All causes	45,362	905.2
1. Diseases of heart (390-398, 402, 404-429)	15,364	306.6
2. Malignant neoplasms (140-208)	10,181	203.2
3. Cerebrovascular disease (430-438)	3,598	71.8
4. Accidents and adverse effects (E800-E949)	2,277	45.4
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,780	35.5
6. Pneumonia and influenza (480-487)	1,509	30.1
7. Diabetes mellitus (250)	915	18.3

TABLE 17. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, BY SEX, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	Deaths	
	Number	Rate
Male		
All causes	23,990	983.6
1. Diseases of heart (390-398, 402, 404-429)	7,895	323.7
2. Malignant neoplasms (140-208)	5,619	230.4
3. Accidents and adverse effects (E800-E949)	1,550	63.6
4. Cerebrovascular disease (430-438)	1,495	61.3
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,107	45.4
6. Pneumonia and influenza (480-487)	712	29.2
7. Suicide (E950-E959)	551	22.6
Female		
All causes	21,371	830.8
1. Diseases of heart (390-398, 402, 404-429)	7,469	290.4
2. Malignant neoplasms (140-208)	4,562	177.4
3. Cerebrovascular disease (430-438)	2,103	81.8
4. Pneumonia and influenza (480-487)	797	31.0
5. Accidents and adverse effects (E800-E949)	727	28.3
6. Chronic obstructive pulmonary disease and allied conditions (490-496)	673	26.2
7. Diabetes mellitus (250)	569	22.1

The seven principal causes of death for males and females in 1989 are shown in Table 17. For both males and females, the causes were the same and in the same rank order as in 1988. Of the six leading causes common to both sexes, death rates were higher for males than for females with the exception of

TABLE 18. PRINCIPAL CAUSES OF DEATH FOR EIGHT AGE GROUPS WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
1-14 Years						
All causes	287	28.7	197	25.5	90	39.7
1. Accidents and adverse effects (E800-E949)	142	14.2	109	14.1	33	14.6
2. Malignant neoplasms (140-208)	30	3.0	26	3.4	4	1.8
3. Congenital anomalies (740-759)	27	2.7	18	2.3	9	4.0
4. Homicide and legal intervention (E960-E978)	10	1.0	2	0.3	8	3.5
5. Diseases of heart (390-398, 402, 404-429)	9	0.9	5	0.6	4	1.8
15-24 Years						
All causes	754	100.7	594	99.4	158	104.4
1. Accidents and adverse effects (E800-E949)	401	53.6	356	59.6	45	29.7
2. Suicide (E950-E959)	98	13.1	80	13.4	17	11.2
3. Homicide and legal intervention (E960-E978)	86	11.5	35	5.9	50	33.0
4. Malignant neoplasms (140-208)	43	5.7	36	6.0	7	4.6
5. Diseases of heart (390-398, 402, 404-429)	22	2.9	12	2.0	10	6.6
25-34 Years						
All causes	1,177	137.8	867	125.2	310	191.8
1. Accidents and adverse effects (E800-E949)	407	47.7	343	49.5	64	39.6
2. Homicide and legal intervention (E960-E978)	159	18.6	78	11.3	81	50.1
3. Suicide (E950-E959)	145	17.0	127	18.3	18	11.1
4. Malignant neoplasms (140-208)	96	11.2	73	10.5	23	14.2
5. Diseases of heart (390-398, 402, 404-429)	81	9.5	51	7.4	30	18.6
35-44 Years						
All causes	1,621	218.4	1,186	190.4	433	363.1
1. Malignant neoplasms (140-208)	360	48.5	278	44.6	82	68.8
2. Diseases of heart (390-398, 402, 404-429)	301	40.6	212	34.0	89	74.6
3. Accidents and adverse effects (E800-E949)	276	37.2	218	35.0	57	47.8
4. Suicide (E950-E959)	125	16.8	116	18.6	9	7.5
5. Homicide and legal intervention (E960-E978)	106	14.3	60	9.6	46	38.6
45-64 Years						
All causes	8,484	873.5	6,840	809.0	1,644	1307.4
1. Malignant neoplasms (140-208)	2,987	307.6	2,475	292.7	512	407.2
2. Diseases of heart (390-398, 402, 404-429)	2,633	271.1	2,088	247.0	545	433.4
3. Cerebrovascular disease (430-438)	373	38.4	270	31.9	103	81.9
4. Accidents and adverse effects (E800-E949)	365	37.6	309	36.5	56	44.5
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	330	34.0	296	35.0	34	27.0
6. Diabetes (250)	193	19.9	134	15.8	59	46.9
7. Chronic liver disease and cirrhosis (571)	192	19.8	159	18.8	33	26.2
65-74 Years						
All causes	10,264	2951.4	8,517	2779.8	1,747	4221.3
1. Diseases of heart (390-398, 402, 404-429)	3,538	1017.3	2,947	961.9	591	1428.1
2. Malignant neoplasms (140-208)	3,084	886.8	2,585	843.7	499	1205.8
3. Cerebrovascular disease (430-438)	645	185.5	497	162.2	148	357.6
4. Chronic obstructive pulmonary disease and allied conditions (490-496)	622	178.9	567	185.1	55	132.9
5. Diabetes mellitus (250)	268	77.1	201	65.6	67	161.9
6. Accidents and adverse effects (E800-E949)	235	67.6	191	62.3	44	106.3
7. Pneumonia and influenza (480-487)	198	56.9	162	52.9	36	87.0
75-84 Years						
All causes	12,981	6669.7	11,098	6530.3	1,882	7625.0
1. Diseases of heart (390-398, 402, 404-429)	4,929	2532.5	4,268	2511.4	661	2678.1
2. Malignant neoplasms (140-208)	2,619	1345.7	2,212	1301.6	407	1649.0
3. Cerebrovascular disease (430-438)	1,339	688.0	1,103	649.0	236	956.2
4. Chronic obstructive pulmonary disease and allied conditions (490-496)	621	319.1	563	331.3	58	235.0
5. Pneumonia and influenza (480-487)	504	259.0	436	256.6	68	275.5
6. Diabetes mellitus (250)	281	144.4	207	121.8	74	299.8
7. Accidents and adverse effects (E800-E949)	260	133.6	236	138.9	24	97.2
85 Years and Over						
All causes	8,993	11792.4	7,810	11915.8	1,183	11037.5
1. Diseases of heart (390-398, 402, 404-429)	3,835	5028.8	3,344	5102.0	491	4581.1
2. Cerebrovascular disease (430-438)	1,153	1511.9	1,007	1536.4	146	1362.2
3. Malignant neoplasms (140-208)	961	1260.1	813	1240.4	148	1380.9
4. Pneumonia and influenza (480-487)	636	834.0	560	854.4	76	709.1
5. Atherosclerosis (440)	216	283.2	196	299.0	20	186.6
6. Chronic obstructive pulmonary disease and allied conditions (490-496)	184	241.3	164	250.2	20	186.6
7. Accidents and adverse effects (E800-E949)	170	222.9	156	238.0	14	130.6

Totals may include one or more deaths with race unknown.

cerebrovascular disease and pneumonia and influenza. Of the four leading causes for which death rates for the male population were higher than those for the female population, the greatest relative excess was for accidents and adverse effects where the rate for males was more than two times that for females.

Mortality by cause differed by age group and race. (See Table 18 for principal causes of death for eight age groups.) For the first four age groups, only five causes are shown due to the small numbers of deaths involved. For the four older age groups, the larger numbers of deaths make the listing of seven causes meaningful. Table III gives more detailed information regarding cause of death by race, sex, and age.

During 1989, there were 287 deaths of children 1-14 years of age with a rate of 28.7 per 100,000 population. There were 197 deaths among white children with a rate of 25.5 per 100,000 white population and 90 deaths among children of all other races with a rate of 39.7. Accidents and adverse effects was the leading cause of death for children of all races in this age group as well as for children of both racial groups. For white children 1-14 years of age, there were 109 deaths from accidents or 55.3 percent of the total white deaths; 33 deaths or 36.7 percent of the total deaths of races other than white were from this cause. Malignant neoplasms ranked as the second leading cause of death for children of all races and for white children in this age group, followed by congenital anomalies. Homicide and legal intervention and diseases of heart ranked as the fourth and fifth leading causes of death for all races and for white children, but in reverse order. For races other than white in this age group, congenital anomalies ranked as the second leading cause of death followed by homicide and legal intervention. Malignant neoplasms and diseases of heart tied as the fourth leading cause of death.

In the 15-24 year age group, accidents and adverse effects was the leading cause of death with 401 or 53.2 percent of the 754 deaths. Suicide was the second leading cause of death, followed by homicide and legal intervention, malignant neoplasms, and diseases of heart. It is noteworthy that 77.6 percent of all deaths in this age group were from external causes which are potentially preventable.

For the age group 25-34 years, the five leading causes of death were the same and in the same rank order as for the preceding age group with the exception of homicide and legal intervention, and suicide which were in reverse order. Death rates for the leading causes for all races in this age group, except rates for accidents and adverse effects, were higher than those for the age group 15-24 years. In this age group, 60.4 percent of the deaths were from external causes.

The five principal causes of death in the age group 35-44 years, were the same as those for the two preceding age groups but in a different rank order. Malignant neoplasms was the leading cause of death for this age group followed by diseases of heart, accidents and adverse effects, suicide, and homicide and legal intervention. In contrast to the 15-24 year age group, only 31.3 percent of the deaths in the 35-44 year age group were from external causes. Deaths from external causes accounted for over one-half of the deaths of persons 1-44 years of age.

In the age group 45-64 years, the leading cause of death was malignant neoplasms, accounting for 2,987 or 35.2 percent of deaths in this age group. Diseases of heart ranked second with 31.0 percent, followed by cerebrovascular disease and accidents and adverse effects. Chronic obstructive pulmonary disease and allied conditions and diabetes ranked fifth and sixth, respectively, for ages 45-64 years. Chronic liver disease and cirrhosis was the seventh leading cause of death for this age group in 1989.

Diseases of heart was the leading cause of death in the 65-74 year age group with 3,538 deaths or 34.5 percent followed by malignant neoplasms with 3,084 or 30.0 percent. Cerebrovascular disease ranked third followed by chronic obstructive pulmonary disease and allied conditions, diabetes mellitus, accidents and adverse effects, and pneumonia and influenza.

For the age group 75-84 years, diseases of heart ranked first for the leading cause of death with a total of 4,929 deaths or 38.0 percent. Malignant neoplasms with 2,619 deaths or 20.2 percent of deaths ranked second, followed by cerebrovascular disease, chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes, and accidents and adverse effects.

For the age group 85 years and over, 3,835 or 42.6 percent were attributed to diseases of heart. Cerebrovascular disease and malignant neoplasms ranked second and third, respectively, in the 85 years and over age group, the reverse order of the two previous age groups. Pneumonia and influenza ranked fourth followed by atherosclerosis, chronic obstructive pulmonary disease and allied conditions, and accidents and adverse effects.

Diseases of Heart: Diseases of heart, the leading cause of death for the State in 1989, accounted for 15,364 deaths, corresponding to a rate of 306.6 per 100,000 population. Deaths due to this cause in 1989 showed a decrease of 4.0 percent from the 16,010 deaths in 1988, while the rate decreased by 5.1 percent from the 1988 rate of 323.0. Of the total number of deaths reported to be due to diseases of heart in 1989, there were 10,246 deaths or 66.7 percent classified as ischemic heart disease.

Malignant Neoplasms: Malignant neoplasms, the second leading cause of mortality in Tennessee during 1989, was responsible for 10,181 deaths or a rate of 203.2 per 100,000 population. The number of deaths in 1989 reflected an increase of 2.9 percent over the 9,894 deaths in 1988; and a death rate increase of 1.8 percent over the rate of 199.6 during the preceding year. The white population experienced 8,499 deaths from this cause corresponding to a rate of 205.7, while deaths of persons of other races numbered 1,682 with a rate of 191.2. Comparable death rates for the white population and the population of races other than white in 1988 were 204.1 and 178.7, respectively; thus, the death rate for whites increased 0.8 percent from 1988 to 1989 and that for persons of other races increased 7.0 percent.

TABLE 19. NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS ACCORDING TO PRIMARY SITE WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

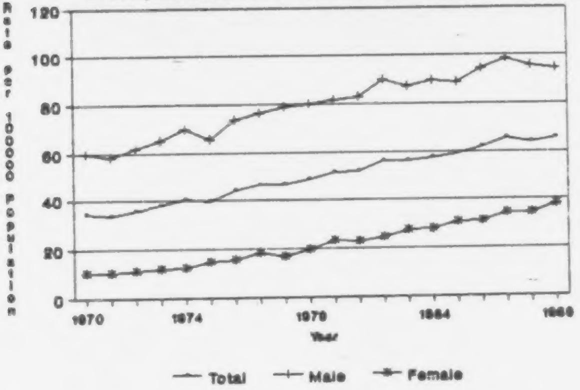
Primary Site	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	10,181	203.2	8,499	205.7	1,682	191.2
Lip, oral cavity, and pharynx (140–149)	160	3.2	139	3.4	21	2.4
Digestive organs and peritoneum (150–159)	2,345	46.8	1,911	46.3	434	49.3
Respiratory and intrathoracic organs (160–165)	3,283	65.5	2,785	67.4	498	56.6
Breast (174–175)	778	15.5	639	15.5	139	15.8
Uterus (179–182)##	227	8.8	164	7.8	63	13.8
Other female genital organs (183–184)##	255	9.9	237	11.2	18	3.9
Male genital organs (185–187)##	643	26.4	475	23.6	168	39.8
Urinary organs (188–189)	401	8.0	342	8.3	59	6.7
Skin (172–173)	205	4.1	197	4.8	8	0.9
Brain (191)	259	5.2	243	5.9	16	1.8
Other and unspecified (170, 171, 190, 192–199)	671	13.4	541	13.1	130	14.8
Leukemia (204–208)	365	7.3	323	7.8	42	4.8
Other lymphatic and hematopoietic tissue (200–203)	589	11.8	503	12.2	86	9.8

##Rate per sex-specific population.

Mortality from malignant neoplasms varied according to primary site (as shown in Table 19). In 1989, the most frequently stated primary site was the respiratory and intrathoracic organs for which the death rate of 65.5 per 100,000 population reflected an increase of 2.2 percent increase over the comparable rate of 64.1 in 1988. The digestive organs and peritoneum, for which the death rate in 1989 was 46.8, ranked second and showed an increase of 6.4 percent over the rate of 44.0 for the preceding year. These two sites accounted for 5,628 deaths or 55.3 percent of all deaths from malignant neoplasms in 1989. In 1989, for the sites skin and brain, the white rates were substantially higher than the rates for other races. For the site male genital organs, the rates were substantially higher for all other races than for the white race.

The mortality rates for malignant neoplasms for most of the major primary sites have remained relatively stable over the 20-year period 1970-1989 (Table II). For the site respiratory and intrathoracic organs, however, large increases have been noted (Figure 7). The total malignant neoplasm death rate for respiratory and intrathoracic organs increased by 90.4 percent from 34.4 per 100,000 population in 1970 to 65.5 in 1989. The female mortality rate for this site increased by 257.5 percent in the 20 years from a rate of 10.6 to a rate of 37.9 per 100,000 female population, while the comparable male mortality rate increased by 58.4 percent, from a rate of 59.8 to a rate of 94.7 per 100,000 male population.

FIGURE 7. DEATH RATES PER 100,000 POPULATION FOR MALIGNANT NEOPLASMS OF THE RESPIRATORY AND INTRATHORACIC ORGANS, BY SEX, RESIDENT DATA, TENNESSEE, 1970-1989



Cerebrovascular Disease: In 1989, deaths from cerebrovascular disease, the third principal cause of death, numbered 3,598, corresponding to a rate of 71.8 per 100,000 population. Among the white population, deaths from this cause numbered 2,927 with a rate of 70.8; among those of all other races, there were 671 deaths with a rate of 76.3. The death rate for the white population showed a decrease of 5.7 percent, while the rate for races other than white decreased 4.1 percent from the comparable rate in 1988.

For the years 1970-1989, the death rate for cerebrovascular disease has been higher for white females than white males. Beginning in 1980, females of other races have had a higher death rate than their male counterparts.

Accidents and Adverse Effects: Accidents and adverse effects, the fourth principal cause of death, resulted in the deaths of 2,277 Tennessee residents during 1989, corresponding to a rate of 45.4 per 100,000 population. The number of deaths showed a decrease of 6.5 percent from the 2,435 deaths in 1988, while the rate decreased 7.5 percent from the rate of 49.1 for the preceding year.

The death rate for males was over two times that for females in both racial groups. The excess mortality in males over females was observed in every age group for both racial groups with the exception of the 5-9 year age group, in which the female rate exceeded the male rate for both races. The increased mortality from accidents among young people, particularly white males 15-29 years of age, is associated with the high incidence of motor vehicle accidents.

Comparison of mortality from accidents and adverse effects by race and sex, as shown in Table II, indicates that the death rate for white males, all ages combined, was 13.3 percent higher than the comparable rate for males of other races. The death rate for white females, all ages combined, was 27.8 percent higher than the rate for females of other races.

TABLE 20. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1989

Type of Accident	Deaths Number	 Rate
Total	2,277	45.4
Motor vehicle (E810–E825)	1,138	22.7
Water transportation (E830–E838)	22	0.4
Air and space transportation (E840–E845)	20	0.4
Other transport (E800–E807, E826–E829, E846–E848)	18	0.4
Poisoning by drugs, medicaments, and biologicals (E850–E858)	74	1.5
Poisoning by other solid and liquid substances, gases, and vapors (E860–E869)	21	0.4
Falls (E880–E888)	283	5.6
Fire and flames (E890–E899)	144	2.9
Natural and environmental factors (E900–E909)	42	0.8
Drowning and submersion (E910)	85	1.7
Suffocation by food or other object (E911–E912)	90	1.8
Mechanical suffocation (E913)	19	0.4
Struck by falling object (E916)	29	0.6
Machinery (E919)	46	0.9
Firearm missile (E922)	77	1.5
Electric current (E925)	25	0.5
Other (E870–E876, E878–E879, E914–E915, E917–E918, E920–E921, E923–E924, E926–E949)	144	2.9

Data on mortality from accidents and adverse effects according to type of accident in 1989 are given in Table 20. There were 1,138 deaths due to motor vehicle accidents. The next three most frequently reported types of fatal accidents were: falls, 283; fire and flames, 144; and suffocation by food or other object, 90.

TABLE 21. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS BY CLASS OF ACCIDENT WITH PERCENTAGES, RESIDENT DATA, TENNESSEE, 1989

Class of Accident	Number	Percent
Total	2,277	100.0
Home	411	18.1
Motor vehicle	1,138	50.0
Occupational	85	3.7
Other public	376	16.5
Unspecified or unknown	267	11.7

In Table 21, the distribution of accidental deaths is shown according to class of accident. Motor vehicles accounted for 50.0 percent of all accidental deaths; home accidents, 18.1 percent; other public, 16.5 percent; occupational, 3.7 percent; and unspecified accidents, 11.7 percent. In addition to the 85 deaths from occupational accidents, there were 26 deaths from accidents which were classified as motor vehicle or other transportation that occurred during the course of gainful employment. Thus, the total number of occupational accidental deaths was 111.

Average annual death rates for each class of accident by age for 1987-1989 are given in Table 22. The risk of a fatal home accident was comparatively greater for children under 5 years of age and for persons 65 years of age and over. Death rates for motor vehicle accidents were highest for young persons 15-24 years of age.

TABLE 22. AVERAGE ANNUAL DEATH RATES PER 100,000 POPULATION FOR ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO CLASS OF ACCIDENT, BY AGE, RESIDENT DATA, TENNESSEE, 1987–1989

Age Group	Home	Motor Vehicle	Occupational	Other Public
All ages	8.4	25.0	1.5	7.3
Under 5 years	12.0	7.1	–	1.7
5–19 years	3.4	7.0	–	1.8
10–14 years	4.2	9.7	–	2.4
15–19 years	3.7	50.8	0.9	5.5
20–24 years	3.1	46.1	1.1	7.3
25–29 years	4.7	34.5	2.1	6.0
30–34 years	6.7	30.3	2.5	5.4
35–44 years	5.2	22.4	2.5	5.7
45–54 years	4.7	19.5	2.3	5.4
55–64 years	9.1	19.1	2.1	6.6
65–74 years	15.7	25.2	1.3	10.9
75–84 years	34.8	33.4	1.4	32.0
85 years and over	69.1	26.1	1.4	65.8

Home Accidents: Data regarding deaths from home accidents by type and race are given in Table 23. Home accidents took the lives of 411 Tennessee residents in 1989, yielding a death rate of 8.2 per 100,000 population. Of these, 331 deaths were of white persons and 80 were of persons of other races with death rates of 8.0 and 9.1, respectively. Thus, the rate of mortality from home accidents was 13.8 percent greater for persons of races other than white.

The most frequently reported type of home accident was fire and flames with 129 deaths; falls ranked second with 123 deaths. Together, these two types of accidents accounted for 61.3 percent of all home accidents.

TABLE 23. NUMBER OF DEATHS FROM HOME ACCIDENTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Type of Accident	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	411	8.2	331	8.0	80	9.1
Poisoning	43	0.9	31	0.8	12	1.4
Falls	123	2.5	110	2.7	13	1.5
Fire and flames	129	2.6	99	2.4	30	3.4
Drowning	9	0.2	6	0.1	3	0.3
Suffocation by food or other object	19	0.4	14	0.3	5	0.6
Mechanical suffocation	4	0.1	3	0.1	1	0.1
Firearm missile	42	0.8	31	0.8	11	1.3
Other	42	0.8	37	0.9	5	0.6

Differences in the risk of mortality between the white population and the population of races other than white varied according to type of home accident. For the white population, the death rate was highest for falls. Other races had a mortality rate almost one and one-half times that of whites for deaths due to fire and flames.

Motor Vehicle Accidents: There were 1,138 deaths of Tennessee residents due to motor vehicle accidents, or 22.7 per 100,000 population. The number of deaths was 11.6 percent lower than the comparable figure of 1,288 in 1988.

Most of the fatalities, 96.3 percent, occurred on public highways and rights-of-way. In 469 or 41.2 percent of the total motor vehicle deaths, there was a collision with another motor vehicle, and in an additional 7.4 percent or 84 deaths, there was a collision with a pedestrian. Deaths resulting from non-collision accidents on public highways accounted for 157 deaths or 13.8 percent of the total motor vehicle deaths, and the majority of these were due to loss of control of the vehicle.

Of the 946 deaths of motor vehicle occupants involved in traffic accidents in 1989, 675 or 71.4 percent were not using a seat belt. In 103 or 10.9 percent of the deaths, the seat belt was used. For the remaining 168 or 17.8 percent of the deaths, it was unknown if seat belts were in use.

In 1989, motor vehicle accidents to Tennessee residents caused 2.6 deaths per 10,000 registered vehicles, compared with 3.0 in 1988.

Chronic Obstructive Pulmonary Disease and Allied Conditions: Chronic obstructive pulmonary disease and allied conditions, which ranked as the fifth principal cause of death in 1989, accounted for 1,780 deaths, giving a death rate of 35.5 per 100,000 population. The rate was 0.6 percent higher than the rate of 35.3 for this group of causes in 1988. The death rate of 38.8 for the white population was almost two times higher than the rate of 19.9 for the population of races other than white. The rate for males of all races was over one and one-half that of their female counterparts. Of the 1,780 deaths from this group of causes, 1,319 were assigned to chronic airways obstruction, not elsewhere classified, 266 to emphysema, 88 to bronchitis, 79 to asthma, and 28 to bronchiectasis.

Pneumonia and Influenza: The sixth principal cause of death, pneumonia and influenza, was the cause of 1,509 deaths of Tennessee residents in 1989, corresponding to a rate of 30.1 per 100,000 population. The death rate for this cause in 1989 showed a decrease of 8.0 percent from the comparable rate of 32.7 in 1988. This cause accounted for 1,280 deaths in the white population, while 229 deaths were reported in the population of races other than white.

Nineteen Tennessee residents died from influenza in 1989, an increase over the twenty-eight deaths reported in 1988. The influenza death rate of 0.4 was a decrease of 33.3 percent from the rate of 0.6 in 1988. Of the 19 deaths from influenza in 1989, 12 occurred to persons 65 years of age and over. In 1988, 27 of the 28 deaths from influenza were in the 65 years and over age group.

During 1989, 18 of the 19 deaths from influenza occurred during the first 3 months of the year (January, 6 deaths; February, 8 deaths; and March, 4 deaths) the remaining death occurred in December.

Pneumonia was responsible for 98.7 percent of all deaths attributed to pneumonia and influenza. The 1,490 deaths due to pneumonia in 1989 represented a 6.5 percent decrease relative to the 1,593 deaths in 1988, while the rate of 29.7 in 1989 decreased by 7.5 percent from the rate of 32.1 in 1988.

Diabetes Mellitus: In 1989, there were 915 deaths of Tennessee residents due to diabetes mellitus, the seventh leading cause of death, corresponding to a rate of 18.3 per 100,000 population. The number of deaths showed an increase of 26.2 percent over the 725 deaths in 1988, while the rate increased 25.3 percent over the rate of 14.6. In 1989, of the 915 deaths, 679 were white and 235 were other races. The death rate of 26.7 for races other than white was 62.8 percent higher than the rate of 16.4 for the white population.

Suicide: There were 671 deaths of Tennessee residents stated to be by suicide in 1989 with a rate of 13.4 per 100,000 population. The number of suicides represented an increase of 1.4 percent over the 662 suicides in 1988, while the rate did not change from 1988 to 1989. The death rate of 14.8 for the white population was over twice that of 6.7 for other races. Also, the death rate of 22.6 from suicide for males was almost five times the comparable rate of 4.7 for females in 1989.

Homicide and Legal Intervention: In 1989, there were 462 deaths by homicide and legal intervention with a rate of 9.2 per 100,000 population. The number of homicides represented a decrease of 9.2 percent from the 509 homicides in 1988, while the rate showed a decrease of 10.7 percent from the rate of 10.3 in 1988. The rate of 25.9 for races other than white was over four and one-half times the white rate of 5.6.

Of the 462 homicides, 326 or 70.6 percent of these deaths were due to firearms, which was a decrease of 7.1 percent from 1988. The rate of 6.5 per 100,000 population in 1989 showed a decrease of 8.5 percent from the rate of 7.1 in 1988. The death rate of 6.0 for white males in 1989 represented a 1.7 percent increase over the rate of 5.9 in 1988. In contrast, the 1989 rate of 34.3 for males of races other than white represented a decrease of 11.4 percent from the rate of 38.7 for the preceding year.

Of the 462 deaths from homicide and legal intervention in 1989, the death of 1 other races male was attributed to legal intervention as compared with the deaths of two white males in 1988.

Nephritis, Nephrotic Syndrome, and Nephrosis: In 1989, there were 387 deaths from nephritis, nephrotic syndrome, and nephrosis corresponding to a rate of 7.7 per 100,000 population. Among the white population, deaths from this cause numbered 291 with a rate of 7.0; among those of other races, there were 96 deaths with a rate of 10.9. The death rate for the white population decreased 7.9 percent from the rate of 7.6 in 1988, while the rate for races other than white decreased 22.1 percent from the rate of 14.0 in 1988.

Atherosclerosis: In 1989, there were 419 deaths due to atherosclerosis corresponding to a rate of 8.4 per 100,000 population. For the white population, the rate of 11.4 per 100,000 population for females was 78.1 percent higher than the rate of 6.4 for males. For the population of races other than white, the rate of 6.8 for females was 70.0 percent higher than the rate of 4.0 for males. The rate of 10.6 for females of all races combined in 1989 showed a 9.3 percent increase over the rate of 9.7 in 1988, while the male rate decreased 14.3 percent to 6.0 from the 1988 rate of 7.0. In 1989, there were only 9 deaths from atherosclerosis occurring to persons under 55 years of age in contrast to 216 deaths to persons aged 85 years and over.

Chronic Liver Disease and Cirrhosis: In 1989, there were 425 deaths from chronic liver disease and cirrhosis with a rate of 8.5 per 100,000 population. Of those who died from this cause, 356 were white corresponding to a rate of 8.6, and 69 were of races other than white with a rate of 7.8. The death rate of 8.6 for the white population did not change from 1987 to 1989. The rate of 7.8 for the population of races other than white increased 8.3 percent over the rate of 7.2 for the preceding year.

Acute Infectious and Parasitic Diseases: There were two deaths attributed to meningococcal infection and three deaths to viral encephalitis. Other deaths due to infectious diseases included: septicemia, 296; viral hepatitis, 58; and syphilis, 1. There were no deaths attributed to amebiasis, Rocky Mountain spotted fever, shigellosis, measles, or whooping cough.

Human Immunodeficiency Virus (HIV) Infection: During 1989, there were 144 deaths (107 whites, 37 of other races) reported from the human immunodeficiency virus (HIV) infection, more commonly referred to as AIDS. The rate was 2.9 per 100,000 population. In 1988, there were 110 deaths with a rate of 2.2 per 100,000 population.

Males accounted for 90.3 percent of the deaths due to AIDS in 1989. Of these 130 males, 96 were aged 25-44 years. AIDS was the sixth leading cause of death among men 25-44 years of age. Of the 14 females who died from AIDS, 8 were in this same age group.

Beginning with data for 1987, the National Center for Health Statistics (NCHS) introduced new category numbers *042-*044 for classifying and coding the human immunodeficiency virus (HIV) infection. The asterisk before the category numbers indicates that these codes are not part of the *Ninth Revision of the International Classification of Diseases* (ICD-9). During the period 1983-1986, the condition code 279.1 was used in accordance with instructions from the National Center for Health Statistics in consultation with World Health Organization officials. This code (279.1) was not unique for AIDS; other conditions were also included in the category. Caution should be exercised when comparing 1987-1989 data with previous years.

Tuberculosis: In 1989, the deaths of 58 Tennessee residents were reported to be due to tuberculosis, giving a death rate of 1.2 per 100,000 population. Of these deaths, 44 occurred in the white population and 14 in the population of races other than white. The death rates were 1.1 for whites and 1.6 for all other races; comparable rates for tuberculosis in 1988 were 1.2 and 1.4, respectively. Mortality from tuberculosis was higher for males of both racial groups than for females. There were only 2 deaths from tuberculosis in 1989 occurring to a person under 45 years of age, in contrast to 45 deaths to persons aged 65 years and over.

Marriages: In 1989, the 44th year for which data for marriages have been analyzed and included in the *Vital Statistics Bulletin*, 64,990 marriages were recorded in Tennessee as shown in Table 24. This represented a decrease of 0.5 percent from the 65,326 marriages recorded in 1988. Effective July 1, 1985 the State law requiring a pre-marital medical examination was repealed. This change may have contributed to the increase in number of marriages in Tennessee during the following 3 years.

Effective May 2, 1989, marriages for which the couple obtained a Tennessee marriage license, but had a ceremony performed out of state are now valid. Of the 64,990 recorded marriages, 44 marriages were performed in another state (Table VII).

TABLE 24. NUMBER OF MARRIAGES RECORDED AND PERSONS MARRIED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1980-1989

Year	Marriages Recorded	Persons Married	
		Number	Rate
1980	59,176	118,352	25.8
1981	60,058	120,116	25.9
1982	57,891	115,782	24.7
1983	56,467	112,934	23.9
1984	55,203	110,406	23.4
1985	54,997	109,994	22.9
1986	59,730	119,460	24.6
1987	61,358	122,716	25.0
1988	65,326	130,652	26.4
1989	64,990	129,980	25.9

During 1989, of the 64,990 marriages recorded in Tennessee, 42.2 percent occurred in 5 counties: Davidson, 6,085; Hamilton, 3,070; Knox, 3,346; Shelby, 8,127; and Sevier (resort town of Gatlinburg), 6,789.

In 1989, the most frequently stated age at marriage was 18 years for the bride and 23 years for the groom.

Data regarding the previous marital status of the bride and groom are shown in Table 25. In 29.3 percent of the marriages, both the bride and groom were marrying for the first time, while in 35.6 percent of the marriages, both the bride and groom had been previously married.

TABLE 25. NUMBER OF MARRIAGES ACCORDING TO PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, RECORDED DATA, TENNESSEE, 1989

Groom	Total	Bride			
		Single	Widowed	Divorced	Unknown
Total	64,990	23,995	2,606	28,394	9,995
Single	24,649	19,014	227	5,287	121
Widowed	2,116	142	948	956	70
Divorced	28,119	4,773	1,331	19,888	2127
Unknown	10,106	66	100	2,263	7677

Divorces: In 1989, the 44th consecutive year for which data for divorces have been analyzed and included in the *Vital Statistics Bulletin*, 31,853 divorces were recorded in Tennessee. This represented an increase of 1.8 percent over the 31,287 divorces in 1988. There were 63,706 persons granted divorces in 1989, giving a divorce rate of 12.7 divorced persons per 1,000 population. Table 26 presents the number of divorces recorded and divorce rates for the years 1980-1989.

TABLE 26. NUMBER OF DIVORCES RECORDED AND PERSONS DIVORCED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1980-1989

Year	Divorces Recorded	Persons Divorced	
		Number	Rate
1980	30,283	60,566	13.2
1981	31,135	62,270	13.4
1982	29,765	59,530	12.7
1983	29,418	58,836	12.4
1984	29,697	59,394	12.6
1985	29,860	59,720	12.4
1986	30,031	60,062	12.4
1987	30,324	60,648	12.4
1988	31,287	62,574	12.6
1989	31,853	63,706	12.7

Of the 31,853 divorces, 3.3 percent or 1,063 were obtained within the first year of marriage, and 47.8 percent or 15,224 were granted to couples who were married 5 years or less. Divorces were granted to 3,319 couples or 10.4 percent who had been married 20 years or more. No minor children were involved in 48.4 percent or 15,425 of the divorces; for another 26.1 percent or 8,300 of the divorces, only 1 minor child was involved.

Many factors need to be considered in the interpretation of these divorce statistics. The number of divorces that occurs in a calendar year cannot be related to the number of marriages that occurs in the same time period. The marriages that end in divorce have occurred at various times and in various states.

SUMMARY

SUMMARY OF TENNESSEE RESIDENT VITAL STATISTICS FOR 1989

Population	Total	5,011,194	The total population increased by 1.1 percent.
	White	4,131,649	
	Other Races	879,545	
Live Births			The number, birth rate, and fertility rate increased over 1988.
Number		73,137	
Birth Rate		14.6	
Fertility Rate (per 1,000 females 15–44)		62.8	
Fetal Deaths			Both the number and ratio decreased from 1988.
Number		421	
Ratio		5.8	
Births to Teenage Mothers (10–17)			The number increased, but the percentage decreased when compared with 1988.
Number		4,826	
Percent		6.6	
Induced Abortions			Both the number and ratio decreased from 1988.
Number		18,183	
Ratio		248.6	
Total Pregnancies (women 10–49)			The pregnancy rate of 89.5 for women of other races was 60.7 percent higher than the rate of 55.7 for white women.
Number		91,741	
Rate		62.1	
Infant Deaths			The number increased, but the rate remained the same as in 1988.
Number		789	
Rate		10.8	
Maternal Deaths			Both the number and rate decreased in 1989.
Number		2	
Rate		0.3	
Deaths			The crude death rate of 9.1 for whites was 3.4 percent higher than the rate of 8.8 for other races.
Number		45,362	
Rate		9.1	
Malignant Neoplasms			Malignant neoplasms remained the second leading cause of death, but reflected an increase in both number and rate over 1988.
Number		10,181	
Rate		203.2	
Deaths From Motor Vehicle Accidents			Motor vehicle accidents were responsible for 50.0 percent of all accidental deaths.
Number		1,138	
Rate		22.7	
Marriages			Both the number and rate of marriages decreased from 1988.
Number		64,990	
Rate		25.9	
Divorces			Both the number and rate of divorces increased over 1988.
Number		31,853	
Rate		12.7	

TABLE I–POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1970–1989

Year	Estimated Population			Live Births						Deaths					
				All Races		White		All Other Races		All Races		White		All Other Races	
	All Races	White	All Other Races	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded															
1970...	3,926,018	3,297,216	628,802	75,708	19.3	59,349	18.0	16,359	26.0	40,236	10.2	32,581	9.9	7,654	12.2
1971...	4,010,049	3,373,279	636,770	74,948	18.7	58,700	17.4	16,247	25.5	40,054	10.0	32,473	9.6	7,581	11.9
1972...	4,087,692	3,442,625	645,067	69,473	17.0	54,125	15.7	15,346	23.8	41,614	10.2	33,905	9.8	7,709	12.0
1973...	4,138,358	3,491,858	646,500	67,789	16.4	52,463	15.0	15,323	23.7	42,230	10.2	34,323	9.8	7,902	12.2
1974...	4,201,224	3,547,875	653,349	67,882	16.2	52,763	14.9	15,119	23.1	41,813	10.0	34,168	9.6	7,643	11.7
1975...	4,260,910	3,603,663	657,247	65,752	15.4	50,856	14.1	14,895	22.7	40,967	9.6	33,521	9.3	7,445	11.3
1976...	4,328,913	3,668,603	660,310	65,644	15.2	50,916	13.9	14,725	22.3	41,319	9.5	34,065	9.3	7,252	11.0
1977...	4,402,111	3,737,934	664,177	69,983	15.9	54,421	14.6	15,561	23.4	41,492	9.4	34,170	9.1	7,322	11.0
1978...	4,461,825	3,794,296	667,529	70,202	15.7	53,861	14.2	16,333	24.5	41,106	9.2	34,026	9.0	7,080	10.6
1979...	4,533,370	3,859,505	673,865	72,127	15.9	55,121	14.3	17,006	25.2	41,067	9.1	33,845	8.8	7,222	10.7
1980...	4,591,120	3,835,452	755,668	72,867	15.9	55,753	14.5	17,110	22.6	43,153	9.4	35,461	9.2	7,690	10.2
1981...	4,636,018	3,883,140	752,878	70,747	15.3	54,170	14.0	16,570	22.0	42,946	9.3	35,625	9.2	7,319	9.7
1982...	4,680,958	3,930,902	750,056	71,092	15.2	54,771	13.9	16,317	21.8	42,893	9.2	35,456	9.0	7,436	9.9
1983...	4,725,907	3,978,610	747,297	70,158	14.8	53,842	13.5	16,309	21.8	44,384	9.4	36,790	9.2	7,593	10.2
1984...	4,716,832	3,961,371	755,461	69,713	14.8	53,552	13.5	16,155	21.4	45,093	9.6	37,476	9.5	7,615	10.1
1985...	4,809,345	3,979,981	829,364	71,506	14.9	54,562	13.7	16,938	20.4	46,184	9.6	38,251	9.6	7,932	9.6
1986...	4,855,651	4,014,667	840,984	70,784	14.6	53,897	13.4	16,882	20.1	47,218	9.7	39,217	9.8	8,001	9.5
1987...	4,904,479	4,051,439	853,040	72,680	14.8	55,128	13.6	17,549	20.6	47,841	9.8	39,834	9.8	8,005	9.4
1988...	4,956,346	4,090,426	865,920	75,595	15.3	56,846	13.9	18,740	21.6	48,761	9.8	40,667	9.9	8,094	9.3
1989...	5,011,194	4,131,649	879,545	77,678	15.5	58,004	14.0	19,663	22.4	48,515	9.7	40,216	9.7	8,299	9.4
Resident															
1970...	....	....	....	72,273	18.4	56,777	17.2	15,493	24.6	38,079	9.7	30,878	9.4	7,200	11.5
1971...	....	....	....	71,202	17.8	56,075	16.6	15,125	23.8	37,783	9.4	30,671	9.1	7,112	11.2
1972...	....	....	....	65,802	16.1	51,609	15.0	14,191	22.0	39,345	9.6	32,039	9.3	7,306	11.3
1973...	....	....	....	64,303	15.5	50,113	14.4	14,187	21.9	39,724	9.6	32,319	9.3	7,394	11.4
1974...	....	....	....	64,154	15.3	50,201	14.1	13,952	21.4	39,376	9.4	32,214	9.1	7,158	11.0
1975...	....	....	....	62,265	14.6	48,453	13.4	13,808	21.0	38,522	9.0	31,504	8.7	7,013	10.7
1976...	....	....	....	62,514	14.4	48,750	13.3	13,760	20.8	38,938	9.0	32,086	8.7	6,847	10.4
1977...	....	....	....	66,632	15.1	52,110	13.9	14,521	21.9	39,080	8.9	32,110	8.6	6,970	10.5
1978...	....	....	....	66,466	14.9	51,183	13.5	15,275	22.9	38,654	8.7	31,964	8.4	6,690	10.0
1979...	....	....	....	68,326	15.1	52,303	13.6	16,021	23.8	38,712	8.5	31,837	8.2	6,875	10.2
1980...	....	....	....	69,102	15.1	52,967	13.8	16,129	21.3	40,713	8.9	33,416	8.7	7,291	9.6
1981...	....	....	....	67,050	14.5	51,429	13.2	15,614	20.7	40,480	8.7	33,533	8.6	6,941	9.2
1982...	....	....	....	67,078	14.3	51,748	13.2	15,327	20.4	40,260	8.6	33,238	8.5	7,021	9.4
1983...	....	....	....	65,465	13.9	50,469	12.7	14,989	20.1	41,604	8.8	34,438	8.7	7,161	9.6
1984...	....	....	....	64,937	13.8	49,951	12.6	14,979	19.8	42,221	9.0	35,031	8.8	7,183	9.5
1985...	....	....	....	66,730	13.9	50,989	12.8	15,735	19.0	43,176	9.0	35,729	9.0	7,444	9.0
1986...	....	....	....	66,246	13.6	50,445	12.6	15,798	18.8	44,237	9.1	36,674	9.1	7,561	9.0
1987...	....	....	....	67,942	13.9	51,410	12.7	16,528	19.4	44,884	9.2	37,307	9.2	7,572	8.9
1988...	....	....	....	70,685	14.3	53,053	13.0	17,625	20.4	45,720	9.2	38,157	9.3	7,567	8.7
1989...	....	....	....	73,137	14.6	54,504	13.2	18,620	21.2	45,362	9.1	37,575	9.1	7,782	8.8

Totals of events may include items with race not stated.

TABLE I (Continued)–POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1970–1989

Year	Fetal Deaths						Infant Deaths						Neonatal Deaths					
	All Races		White		All Other Races		All Races		White		All Other Races		All Races		White		All Other Races	
	No.	Ratio	No.	Ratio	No.	Ratio	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded																		
1970 . . .	1,202	15.9	801	13.5	401	24.5	1,650	21.8	1,140	19.2	510	31.2	1,260	16.6	900	15.2	360	22.0
1971 . . .	1,092	14.6	727	12.4	357	22.0	1,615	21.5	1,145	19.5	470	28.9	1,211	16.2	871	14.8	340	20.9
1972 . . .	981	14.1	665	12.3	314	20.5	1,536	22.1	1,033	19.1	503	32.8	1,140	16.4	773	14.3	367	23.9
1973 . . .	962	14.2	669	12.8	292	19.1	1,476	21.8	1,010	19.3	465	30.3	1,086	16.0	760	14.5	325	21.2
1974 . . .	932	13.7	642	12.2	286	18.9	1,253	18.5	845	16.0	408	27.0	936	13.8	635	12.0	301	19.9
1975 . . .	816	12.4	531	10.4	284	19.1	1,177	17.9	802	15.8	375	25.2	861	13.1	587	11.5	274	18.4
1976 . . .	814	12.4	551	10.8	263	17.9	1,136	17.3	759	14.9	377	25.6	825	12.6	557	10.9	268	18.2
1977 . . .	860	12.3	607	11.2	252	16.2	1,183	16.9	803	14.8	380	24.4	842	12.0	574	10.5	268	17.2
1978 . . .	755	10.8	504	9.4	251	15.4	1,126	16.0	763	14.2	363	22.2	816	11.6	546	10.1	270	16.5
1979 . . .	691	9.6	467	8.5	217	12.8	1,091	15.1	719	13.0	372	21.9	746	10.3	491	8.9	255	15.0
1980 . . .	650	8.9	418	7.5	232	13.6	1,075	14.8	715	12.8	360	21.0	743	10.2	496	8.9	247	14.4
1981 . . .	639	9.0	423	7.8	215	13.0	970	13.7	599	11.1	371	22.4	692	9.8	411	7.6	281	17.0
1982 . . .	581	8.2	396	7.2	184	11.3	938	13.2	615	11.2	323	19.8	646	9.1	422	7.7	224	13.7
1983 . . .	552	7.9	387	7.2	165	10.1	953	13.6	617	11.5	336	20.6	631	9.0	410	7.6	221	13.6
1984 . . .	532	7.6	383	7.2	149	9.2	897	12.9	563	10.5	334	20.7	609	8.7	377	7.0	232	14.4
1985 . . .	544	7.6	365	6.7	178	10.5	879	12.3	526	9.6	353	20.8	603	8.4	341	6.2	262	15.5
1986 . . .	512	7.2	329	6.1	181	10.7	823	11.6	510	9.5	313	18.5	530	7.5	339	6.3	191	11.3
1987 . . .	498	6.9	329	6.0	169	9.6	892	12.3	551	10.0	341	19.4	585	8.0	357	6.5	228	13.0
1988 . . .	508	6.7	301	5.3	207	11.0	861	11.4	501	8.8	360	19.2	533	7.1	309	5.4	224	12.0
1989 . . .	464	6.0	315	5.4	148	7.5	890	11.5	523	9.0	367	18.7	570	7.3	328	5.7	242	12.3
Resident																		
1970 . . .	1,117	15.5	765	13.5	352	22.7	1,540	21.3	1,061	18.7	479	30.9	1,173	16.2	839	14.8	334	21.6
1971 . . .	1,019	14.3	698	12.4	314	20.8	1,469	20.6	1,054	18.8	415	27.4	1,092	15.3	791	14.1	301	19.9
1972 . . .	902	13.7	632	12.2	268	18.9	1,384	21.0	925	17.9	459	32.3	1,021	15.5	687	13.3	334	23.5
1973 . . .	910	14.2	641	12.8	268	18.9	1,303	20.3	898	17.9	404	28.5	956	14.9	670	13.4	285	20.1
1974 . . .	887	13.8	618	12.3	265	19.0	1,110	17.3	756	15.1	354	25.4	828	12.9	570	11.4	258	18.5
1975 . . .	759	12.2	503	10.4	254	18.4	1,004	16.1	672	13.9	332	24.0	729	11.7	485	10.0	244	17.7
1976 . . .	756	12.1	515	10.6	241	17.5	1,007	16.1	674	13.8	333	24.2	724	11.6	491	10.1	233	16.9
1977 . . .	792	11.9	561	10.8	230	15.8	1,022	15.3	691	13.3	331	22.8	719	10.8	487	9.3	232	16.0
1978 . . .	695	10.5	463	9.0	232	15.2	981	14.8	664	13.0	317	20.8	691	10.4	461	9.0	230	15.1
1979 . . .	632	9.2	428	8.2	196	12.2	925	13.5	600	11.5	325	20.3	620	9.1	397	7.6	223	13.9
1980 . . .	600	8.7	390	7.4	210	13.0	929	13.4	625	11.8	304	18.8	626	9.1	424	8.0	202	12.5
1981 . . .	585	8.7	388	7.5	196	12.6	846	12.6	522	10.1	324	20.8	593	8.8	356	6.9	237	15.2
1982 . . .	523	7.8	358	6.9	164	10.7	804	12.0	519	10.0	285	18.6	532	7.9	339	6.6	193	12.6
1983 . . .	498	7.6	352	7.0	146	9.7	833	12.7	537	10.6	296	19.7	545	8.3	352	7.0	193	12.9
1984 . . .	486	7.5	350	7.0	136	9.1	768	11.8	491	9.8	277	18.5	516	7.9	319	6.4	197	13.2
1985 . . .	492	7.4	337	6.6	154	9.8	757	11.3	451	8.8	306	19.4	501	7.5	277	5.4	224	14.2
1986 . . .	466	7.0	296	5.9	167	10.6	726	11.0	437	8.7	289	18.3	456	6.9	281	5.6	175	11.1
1987 . . .	454	6.7	299	5.8	155	9.4	792	11.7	473	9.2	319	19.3	515	7.6	302	5.9	213	12.9
1988 . . .	472	6.7	273	5.1	199	11.3	762	10.8	438	8.3	324	18.4	458	6.5	258	4.9	200	11.3
1989 . . .	421	5.8	288	5.3	132	7.1	789	10.8	459	8.4	330	17.7	500	6.8	279	5.1	221	11.9

Totals of events may include items with race not stated.

TABLE II-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970-1989

Year	Total Deaths#													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	38,079	9.7	30,876	9.4	17,796	11.1	13,081	7.7	7,200	11.5	3,856	13.1	3,344	10.0
1971 . . .	37,783	9.4	30,671	9.1	17,427	10.6	13,242	7.6	7,112	11.2	3,898	13.1	3,214	9.5
1972 . . .	39,345	9.6	32,039	9.3	18,226	10.9	13,812	7.8	7,306	11.3	4,183	13.8	3,122	9.1
1973 . . .	39,724	9.6	32,319	9.3	18,350	10.8	13,967	7.8	7,394	11.4	4,062	13.4	3,331	9.7
1974 . . .	39,376	9.4	32,214	9.1	18,187	10.6	14,027	7.7	7,158	11.0	3,881	12.7	3,276	9.4
1975 . . .	38,522	9.0	31,504	8.7	17,752	10.1	13,752	7.4	7,013	10.7	3,813	12.4	3,200	9.1
1976 . . .	38,938	9.0	32,086	8.7	18,161	10.2	13,922	7.4	6,847	10.4	3,769	12.2	3,078	8.7
1977 . . .	39,080	8.9	32,110	8.6	18,209	10.0	13,901	7.2	6,970	10.5	3,827	12.4	3,143	8.9
1978 . . .	38,654	8.7	31,964	8.4	17,939	9.8	14,024	7.2	6,690	10.0	3,652	11.8	3,038	8.5
1979 . . .	38,712	8.5	31,837	8.2	17,816	9.5	14,021	7.0	6,875	10.2	3,862	12.3	3,013	8.4
1980 . . .	40,713	8.9	33,416	8.7	18,494	9.9	14,921	7.6	7,291	9.6	3,941	11.1	3,350	8.3
1981 . . .	40,480	8.7	33,533	8.6	18,523	9.8	15,010	7.5	6,941	9.2	3,794	10.8	3,147	7.9
1982 . . .	40,260	8.6	33,238	8.5	18,200	9.5	15,037	7.4	7,021	9.4	3,791	10.8	3,230	8.1
1983 . . .	41,604	8.8	34,438	8.7	18,560	9.6	15,878	7.8	7,161	9.6	3,784	10.8	3,377	8.5
1984 . . .	42,221	9.0	35,031	8.8	19,064	9.9	15,966	7.8	7,183	9.5	3,827	10.9	3,356	8.3
1985 . . .	43,176	9.0	35,729	9.0	19,131	9.8	16,597	8.2	7,444	9.0	3,972	10.0	3,472	8.0
1986 . . .	44,237	9.1	36,674	9.1	19,503	9.9	17,169	8.4	7,561	9.0	4,067	10.1	3,494	8.0
1987 . . .	44,884	9.2	37,307	9.2	19,790	10.0	17,517	8.5	7,572	8.9	4,034	9.9	3,538	8.0
1988 . . .	45,728	9.2	38,157	9.3	20,078	10.1	18,079	8.6	7,567	8.7	3,981	9.6	3,586	8.0
1989 . . .	45,362	9.1	37,575	9.1	19,849	9.8	17,726	8.4	7,782	8.8	4,139	9.8	3,642	8.0

Year	Malignant Neoplasms, All Sites													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	5,984	152.4	4,946	150.0	2,725	169.9	2,221	131.1	1,038	165.1	558	189.0	480	143.9
1971 . . .	6,070	151.4	5,029	149.1	2,759	168.3	2,270	130.9	1,041	163.5	593	198.6	448	132.5
1972 . . .	6,266	153.3	5,186	150.6	2,848	170.3	2,338	132.1	1,080	167.4	623	206.3	457	133.2
1973 . . .	6,501	157.1	5,311	152.1	2,986	176.0	2,325	129.5	1,186	183.4	687	227.2	499	145.0
1974 . . .	6,718	159.9	5,518	155.5	3,057	177.4	2,461	134.9	1,198	183.4	703	230.3	495	142.2
1975 . . .	6,869	161.2	5,660	157.1	3,127	178.7	2,533	136.6	1,209	183.9	683	222.8	526	150.0
1976 . . .	7,198	166.3	5,922	161.4	3,334	187.3	2,588	137.1	1,276	193.2	740	240.5	536	152.0
1977 . . .	7,507	170.5	6,209	166.1	3,529	194.6	2,680	139.2	1,298	195.4	754	243.9	544	153.3
1978 . . .	7,492	167.9	6,233	164.3	3,511	190.9	2,722	139.2	1,259	188.6	761	245.1	498	139.5
1979 . . .	7,792	171.9	6,456	167.3	3,643	194.8	2,813	141.4	1,336	198.3	798	254.9	538	149.1
1980 . . .	8,304	180.9	6,868	179.1	3,909	209.9	2,959	150.0	1,436	190.0	788	222.5	648	161.4
1981 . . .	8,355	180.2	6,930	178.5	3,903	207.0	3,027	151.5	1,425	189.3	856	242.9	569	142.1
1982 . . .	8,660	185.0	7,135	181.5	4,070	213.2	3,065	151.6	1,525	203.3	877	250.2	648	162.2
1983 . . .	8,768	185.5	7,272	182.8	4,018	208.0	3,254	159.0	1,496	200.2	841	241.1	655	164.4
1984 . . .	9,127	193.5	7,604	192.0	4,294	223.3	3,310	162.4	1,523	201.6	889	252.5	634	157.2
1985 . . .	9,220	191.7	7,724	194.1	4,270	219.6	3,454	169.7	1,496	180.4	840	211.2	656	151.9
1986 . . .	9,549	195.7	7,941	197.8	4,447	226.7	3,494	170.2	1,608	191.2	903	223.9	705	161.1
1987 . . .	10,004	204.0	8,316	205.3	4,582	231.6	3,734	180.2	1,688	197.9	937	229.0	751	169.2
1988 . . .	9,894	199.6	8,347	204.1	4,640	232.3	3,707	177.1	1,547	178.7	891	214.4	656	145.7
1989 . . .	10,181	203.2	8,499	205.7	4,659	231.0	3,840	181.6	1,682	191.2	960	227.4	722	157.9

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

#Rate per 1,000 population.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Malignant Neoplasms of Digestive Organs and Peritoneum													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	1,560	39.7	1,273	38.6	626	39.0	647	38.2	287	45.6	157	53.2	130	39.0
1971 . . .	1,643	41.0	1,325	39.3	674	41.1	651	37.6	318	49.9	195	65.3	123	36.4
1972 . . .	1,562	38.2	1,287	37.4	638	38.1	649	36.7	275	42.6	152	50.3	123	35.9
1973 . . .	1,626	39.3	1,278	36.6	679	40.0	599	33.4	347	53.7	197	65.2	150	43.6
1974 . . .	1,630	38.8	1,314	37.0	658	38.2	656	35.9	316	48.4	179	58.7	137	39.3
1975 . . .	1,717	40.3	1,383	38.4	731	41.8	652	35.2	334	50.8	192	62.6	142	40.5
1976 . . .	1,785	41.2	1,447	39.4	738	41.5	709	37.5	338	51.2	183	59.5	155	44.0
1977 . . .	1,845	41.9	1,500	40.1	777	42.9	723	37.6	345	51.9	186	60.2	159	44.8
1978 . . .	1,763	39.5	1,418	37.4	683	37.1	735	37.6	345	51.7	194	62.5	151	42.3
1979 . . .	1,925	42.5	1,557	40.3	785	42.0	772	38.8	368	54.6	214	68.4	154	42.7
1980 . . .	2,041	44.5	1,640	42.8	870	46.7	770	39.0	401	53.1	228	64.4	173	43.1
1981 . . .	2,008	43.3	1,613	41.5	850	45.1	763	38.2	395	52.5	218	61.9	177	44.2
1982 . . .	2,093	44.7	1,657	42.2	882	46.2	775	38.3	436	58.1	249	71.0	187	46.8
1983 . . .	2,048	43.3	1,642	41.3	828	42.9	814	39.8	406	54.3	212	60.8	194	48.7
1984 . . .	2,125	45.1	1,688	42.6	904	47.0	784	38.5	437	57.8	235	66.7	202	50.1
1985 . . .	2,125	44.2	1,720	43.2	883	45.4	837	41.1	405	48.8	209	52.6	196	45.4
1986 . . .	2,202	45.3	1,780	44.3	918	46.8	862	42.0	422	50.2	236	58.5	186	42.5
1987 . . .	2,298	46.9	1,841	45.4	942	47.6	899	43.4	457	53.6	226	55.2	231	52.0
1988 . . .	2,182	44.0	1,795	43.9	944	47.3	851	40.7	387	44.7	194	46.7	193	42.9
1989 . . .	2,345	46.8	1,911	46.3	959	47.6	952	45.0	434	49.3	235	55.7	199	43.5

Year	Malignant Neoplasms of Respiratory and Intrathoracic Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	1,351	34.4	1,156	35.1	982	61.2	174	10.3	195	31.0	154	52.1	41	12.3
1971 . . .	1,349	33.6	1,172	34.7	982	59.9	190	11.0	177	27.8	147	49.2	30	8.9
1972 . . .	1,459	35.7	1,223	35.5	1,023	61.2	200	11.3	236	36.6	197	65.2	39	11.4
1973 . . .	1,564	37.8	1,317	37.7	1,107	65.3	210	11.7	247	38.2	198	65.5	49	14.2
1974 . . .	1,691	40.3	1,436	40.5	1,206	70.0	230	12.6	254	38.9	214	70.1	40	11.5
1975 . . .	1,675	39.3	1,422	39.5	1,150	65.7	272	14.7	253	38.5	202	65.9	51	14.5
1976 . . .	1,894	43.8	1,599	43.6	1,307	73.4	292	15.5	295	44.7	233	75.7	62	17.6
1977 . . .	2,041	46.4	1,723	46.1	1,361	75.1	362	18.8	318	47.9	261	84.4	57	16.1
1978 . . .	2,077	46.6	1,798	47.4	1,460	79.4	338	17.3	279	41.8	231	74.4	48	13.4
1979 . . .	2,204	48.6	1,859	48.2	1,464	78.3	395	19.9	345	51.2	281	89.8	64	17.7
1980 . . .	2,363	51.5	2,034	53.0	1,569	84.2	465	23.6	329	43.5	240	67.8	89	22.2
1981 . . .	2,404	51.9	2,034	52.4	1,558	82.6	476	23.8	370	49.1	294	83.4	76	19.0
1982 . . .	2,632	56.2	2,250	57.2	1,745	91.4	505	25.0	382	50.9	294	83.9	88	22.0
1983 . . .	2,662	56.3	2,282	57.4	1,715	88.8	567	27.7	380	50.8	281	80.5	99	24.8
1984 . . .	2,717	57.6	2,351	59.3	1,763	91.7	588	28.8	366	48.4	281	79.8	85	21.1
1985 . . .	2,837	59.0	2,455	61.7	1,799	92.5	656	32.2	382	46.1	280	70.4	102	23.6
1986 . . .	3,011	62.0	2,571	64.0	1,898	96.8	673	32.8	440	52.3	337	83.6	103	23.5
1987 . . .	3,214	65.5	2,747	67.8	2,004	101.3	743	35.8	467	54.7	354	86.5	113	25.5
1988 . . .	3,179	64.1	2,742	67.0	1,976	98.9	766	36.6	437	50.5	334	80.4	103	22.9
1989 . . .	3,283	65.5	2,785	67.4	1,950	96.7	835	39.5	498	56.5	359	85.0	139	30.4

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Malignant Neoplasms of Breast													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	478	12.2	396	12.0	3	0.2	393	23.2	82	13.0	-	-	82	24.6
1971 . . .	523	13.0	435	12.9	2	0.1	433	25.0	88	13.8	-	-	88	26.0
1972 . . .	541	13.2	445	12.9	1	0.1	444	25.1	96	14.9	1	0.3	95	27.7
1973 . . .	529	12.8	453	13.0	2	0.1	451	25.1	76	11.8	1	0.3	75	21.8
1974 . . .	582	13.9	485	13.7	5	0.3	480	26.3	97	14.8	2	0.7	95	27.3
1975 . . .	556	13.0	473	13.1	5	0.3	468	25.2	83	12.6	3	1.0	80	22.8
1976 . . .	563	13.0	473	12.9	-	-	473	25.0	90	13.6	4	1.3	86	24.4
1977 . . .	580	13.2	490	13.1	6	0.3	484	25.1	90	13.6	1	0.3	89	25.1
1978 . . .	602	13.5	504	13.3	7	0.4	497	25.4	98	14.7	1	0.3	97	27.2
1979 . . .	575	12.7	475	12.3	3	0.2	472	23.7	100	14.8	-	-	100	27.7
1980 . . .	570	12.4	469	12.2	4	0.2	465	23.6	101	13.4	1	0.3	100	24.9
1981 . . .	660	14.2	555	14.3	4	0.2	551	27.6	105	13.9	2	0.6	103	25.7
1982 . . .	673	14.4	558	14.2	2	0.1	556	27.5	115	15.3	-	-	115	28.8
1983 . . .	663	14.0	556	14.0	3	0.2	553	27.0	107	14.3	3	0.9	104	26.1
1984 . . .	713	15.1	598	15.1	2	0.1	596	29.2	115	15.2	-	-	115	28.5
1985 . . .	723	15.0	624	15.7	5	0.3	619	30.4	99	11.9	-	-	99	22.9
1986 . . .	714	14.7	591	14.7	3	0.2	588	28.6	123	14.6	-	-	123	28.1
1987 . . .	834	17.0	688	17.0	6	0.3	682	32.9	146	17.1	1	0.2	145	32.7
1988 . . .	812	16.4	680	16.6	6	0.3	674	32.2	132	15.2	1	0.2	131	29.1
1989 . . .	778	15.5	639	15.5	7	0.3	632	29.9	139	15.8	-	-	139	30.4

Year	Malignant Neoplasms of Genital Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	833	21.2	653	19.8	278	17.3	375	22.1	180	28.6	96	32.5	84	25.2
1971 . . .	836	20.8	645	19.1	282	17.2	363	20.9	191	30.0	93	31.1	98	29.0
1972 . . .	855	20.9	658	19.1	279	16.7	379	21.4	197	30.5	101	33.4	96	28.0
1973 . . .	866	20.9	653	18.7	269	15.9	384	21.4	213	32.9	108	35.7	105	30.5
1974 . . .	882	21.0	674	19.0	288	16.7	386	21.2	208	31.8	119	39.0	89	25.6
1975 . . .	865	20.3	664	18.4	304	17.4	360	19.4	201	30.6	104	33.9	97	27.7
1976 . . .	852	19.7	656	17.9	291	16.3	365	19.3	196	29.7	116	37.7	80	22.7
1977 . . .	922	20.9	712	19.0	331	18.3	381	19.8	210	31.6	118	38.2	92	25.9
1978 . . .	872	19.5	676	17.8	315	17.1	361	18.5	196	29.4	120	38.7	76	21.3
1979 . . .	912	20.1	709	18.4	320	17.1	389	19.6	203	30.1	114	36.4	89	24.7
1980 . . .	1,006	21.9	771	20.1	360	19.3	411	20.8	235	31.1	117	33.0	118	29.4
1981 . . .	954	20.6	745	19.2	368	19.5	377	18.9	209	27.8	141	40.0	68	17.0
1982 . . .	947	20.2	699	17.8	350	18.3	349	17.3	248	33.1	145	41.4	103	25.8
1983 . . .	1,030	21.8	785	19.7	391	20.2	394	19.3	245	32.8	142	40.7	103	25.9
1984 . . .	1,047	22.2	810	20.4	410	21.3	400	19.6	237	31.4	144	40.9	93	23.1
1985 . . .	982	20.4	759	19.1	384	19.7	375	18.4	223	26.9	138	34.7	85	19.7
1986 . . .	1,012	20.8	755	18.6	397	20.2	358	17.4	257	30.6	145	36.0	112	25.6
1987 . . .	1,064	21.7	821	20.3	416	21.0	405	19.5	243	28.5	143	34.9	100	22.5
1988 . . .	1,150	23.2	926	22.6	476	23.8	450	21.5	224	25.9	152	36.6	72	16.0
1989 . . .	1,125	22.4	876	21.2	475	23.6	401	19.0	249	28.3	168	39.8	81	17.7

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970-1989

Year	Diabetes Mellitus													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	619	15.8	460	14.0	190	11.8	270	15.9	159	25.3	64	21.7	95	28.5
1971 . . .	675	16.8	498	14.8	205	12.5	293	16.9	177	27.8	69	23.1	108	31.9
1972 . . .	651	15.9	497	14.4	224	13.4	273	15.4	154	23.9	52	17.2	102	29.7
1973 . . .	610	14.7	454	13.0	196	11.6	258	14.4	156	24.1	53	17.5	103	29.9
1974 . . .	629	15.0	454	12.8	154	8.9	300	16.4	175	26.8	61	20.0	114	32.7
1975 . . .	612	14.4	446	12.4	200	11.4	246	13.3	166	25.3	53	17.3	113	32.2
1976 . . .	548	12.7	397	10.8	147	8.3	250	13.2	151	22.9	55	17.9	96	27.2
1977 . . .	565	12.8	432	11.6	160	8.8	272	14.1	133	20.0	48	15.5	85	23.9
1978 . . .	525	11.8	385	10.1	168	9.1	217	11.1	140	21.0	49	15.8	91	25.5
1979 . . .	552	12.2	406	10.5	169	9.0	237	11.9	146	21.7	47	15.0	99	27.4
1980 . . .	514	11.2	375	9.8	138	7.4	237	12.0	139	18.4	61	17.2	78	19.4
1981 . . .	609	13.1	454	11.7	174	9.2	280	14.0	155	20.6	52	14.8	103	25.7
1982 . . .	557	11.9	442	11.2	156	8.2	286	14.1	115	15.3	45	12.8	70	17.5
1983 . . .	646	13.7	476	12.0	179	9.3	297	14.5	170	22.7	59	16.9	111	27.9
1984 . . .	627	13.3	480	12.1	186	9.7	294	14.4	147	19.5	50	14.2	97	24.0
1985 . . .	597	12.4	425	10.7	164	8.4	261	12.8	172	20.7	58	14.6	114	26.4
1986 . . .	672	13.8	506	12.6	204	10.4	302	14.7	166	19.7	48	11.9	118	27.0
1987 . . .	701	14.3	546	13.5	226	11.4	320	15.4	155	18.2	52	12.7	103	23.2
1988 . . .	725	14.6	558	13.6	218	10.9	340	16.2	167	19.3	53	12.8	114	25.3
1989 . . .	915	18.3	679	16.4	258	12.8	421	19.9	236	26.7	88	20.8	147	32.1

Year	Diseases of Heart													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	14,312	364.5	11,900	360.9	7,005	436.9	4,895	289.0	2,412	383.6	1,286	435.5	1,126	337.6
1971 . . .	14,528	362.3	11,984	365.3	6,938	423.1	5,046	291.1	2,544	399.5	1,351	452.4	1,193	352.8
1972 . . .	14,946	365.6	12,491	362.8	7,301	436.5	5,190	293.2	2,455	380.6	1,376	455.6	1,079	314.5
1973 . . .	15,011	362.7	12,482	357.5	7,276	428.9	5,205	289.9	2,527	390.9	1,298	429.3	1,229	357.1
1974 . . .	14,738	350.8	12,303	346.8	7,114	412.9	5,189	294.4	2,435	372.7	1,260	412.9	1,175	337.5
1975 . . .	14,303	335.7	11,976	332.3	6,967	398.2	5,009	270.1	2,324	353.6	1,191	388.5	1,133	323.1
1976 . . .	14,580	336.8	12,276	334.6	7,022	394.4	5,253	278.2	2,301	346.5	1,201	390.3	1,100	312.0
1977 . . .	14,497	329.3	12,098	323.7	6,943	382.9	5,155	267.8	2,399	361.2	1,236	399.7	1,163	327.6
1978 . . .	14,176	317.7	11,956	315.1	6,702	364.3	5,254	268.8	2,220	332.6	1,127	363.0	1,093	306.1
1979 . . .	14,115	311.4	11,831	306.5	6,734	360.0	5,097	256.2	2,284	338.9	1,213	387.5	1,071	296.8
1980 . . .	14,872	323.9	12,419	323.8	6,833	366.9	5,586	283.1	2,450	324.2	1,214	342.8	1,236	307.8
1981 . . .	14,894	321.3	12,547	323.1	6,915	366.7	5,632	282.0	2,345	311.5	1,234	350.2	1,111	277.4
1982 . . .	14,843	317.1	12,451	316.7	6,674	349.6	5,777	285.7	2,392	318.9	1,231	351.1	1,161	290.6
1983 . . .	15,206	321.8	12,797	321.6	6,840	354.0	5,957	291.1	2,406	322.0	1,198	343.4	1,208	303.2
1984 . . .	15,361	325.7	12,846	324.3	6,849	356.1	5,996	294.2	2,514	332.8	1,264	359.0	1,250	309.9
1985 . . .	15,740	327.3	13,167	330.8	6,949	357.3	6,218	305.5	2,572	310.1	1,294	325.4	1,278	296.0
1986 . . .	15,722	323.8	13,127	327.0	6,740	343.7	6,387	311.0	2,595	308.6	1,308	324.3	1,287	294.1
1987 . . .	15,779	321.7	13,278	327.7	6,839	345.6	6,439	310.7	2,500	293.1	1,217	297.4	1,283	289.1
1988 . . .	16,010	323.0	13,512	330.3	6,983	349.6	6,529	311.9	2,496	288.2	1,188	285.9	1,308	290.4
1989 . . .	15,364	306.6	12,936	313.1	6,738	334.1	6,198	293.1	2,426	276.1	1,157	274.0	1,271	277.9

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1969-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Ischemic Heart Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	13,054	332.5	10,897	330.5	6,491	404.8	4,406	260.1	2,157	343.0	1,153	390.4	1,004	301.1
1971 . . .	13,294	331.5	11,004	326.2	6,467	394.4	4,537	261.7	2,290	359.6	1,221	408.9	1,069	316.1
1972 . . .	13,683	334.7	11,487	333.7	6,817	407.5	4,670	263.9	2,196	340.4	1,225	405.6	971	283.1
1973 . . .	13,789	333.2	11,553	330.9	6,815	401.7	4,737	263.8	2,234	345.6	1,142	377.7	1,092	317.3
1974 . . .	13,416	319.3	11,265	317.5	6,597	382.9	4,668	255.8	2,151	329.2	1,104	361.7	1,047	300.7
1975 . . .	12,928	303.4	10,905	302.6	6,426	367.3	4,479	241.6	2,020	307.3	1,045	340.9	975	278.0
1976 . . .	13,116	303.0	11,127	303.3	6,466	363.2	4,661	246.8	1,986	300.8	1,038	337.3	948	268.9
1977 . . .	13,011	295.6	10,919	292.1	6,352	350.3	4,567	237.3	2,092	315.0	1,087	351.5	1,005	283.1
1978 . . .	12,621	282.9	10,697	281.9	6,057	329.3	4,640	237.4	1,924	288.2	981	316.0	943	264.1
1979 . . .	10,729	236.7	9,441	244.6	5,607	299.8	3,834	192.7	1,288	191.1	693	221.4	595	164.9
1980 . . .	11,089	241.5	9,780	255.0	5,597	300.5	4,183	212.0	1,307	173.0	640	180.7	667	166.1
1981 . . .	11,139	240.3	9,778	251.8	5,602	297.1	4,176	209.1	1,359	180.5	738	209.4	621	155.1
1982 . . .	10,988	234.7	9,636	245.1	5,372	281.4	4,264	210.9	1,352	180.3	729	207.9	623	156.0
1983 . . .	11,184	236.7	9,809	246.5	5,463	282.7	4,346	212.4	1,372	183.6	692	198.4	680	170.7
1984 . . .	10,679	226.4	9,394	237.1	5,203	270.5	4,190	205.6	1,284	170.0	661	187.7	623	154.4
1985 . . .	10,649	221.4	9,288	233.4	5,107	262.6	4,181	205.4	1,360	164.0	666	167.5	694	160.8
1986 . . .	10,331	212.8	9,160	228.2	4,920	250.9	4,240	206.5	1,171	139.2	572	141.8	599	136.9
1987 . . .	10,356	211.2	9,161	226.1	4,903	247.8	4,256	205.4	1,195	140.1	564	137.8	631	142.2
1988 . . .	10,500	211.8	9,328	228.0	5,082	254.5	4,246	202.8	1,170	135.1	578	139.1	592	131.4
1989 . . .	10,246	204.5	9,082	219.8	4,959	245.9	4,123	194.9	1,164	132.3	547	129.6	617	134.9

Year	Cerebrovascular Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	5,057	128.8	3,949	119.8	1,844	115.0	2,105	124.3	1,108	176.2	493	166.9	615	184.4
1971 . . .	4,997	124.6	3,963	117.5	1,809	110.3	2,154	124.3	1,034	162.4	514	172.1	520	153.8
1972 . . .	5,215	127.6	4,168	121.1	1,898	113.5	2,270	128.3	1,047	162.3	507	167.9	540	157.4
1973 . . .	5,339	129.0	4,267	122.2	1,835	108.2	2,432	135.5	1,071	165.7	510	168.7	561	163.0
1974 . . .	5,204	123.9	4,204	118.5	1,837	106.6	2,367	129.7	1,000	153.1	431	141.2	569	163.4
1975 . . .	4,902	115.0	3,929	109.0	1,687	96.4	2,242	120.9	973	148.0	464	151.3	509	145.2
1976 . . .	4,862	112.3	3,936	107.3	1,756	98.6	2,180	115.4	924	139.9	441	143.3	483	137.0
1977 . . .	4,561	103.6	3,694	96.8	1,573	86.8	2,121	110.2	867	130.5	373	120.6	494	139.2
1978 . . .	4,283	96.0	3,480	91.7	1,477	80.3	2,003	102.5	803	120.3	381	122.7	422	118.2
1979 . . .	4,213	92.9	3,389	87.8	1,424	76.1	1,965	98.8	824	122.3	414	132.3	410	113.6
1980 . . .	4,310	93.9	3,534	92.1	1,508	81.0	2,026	102.7	776	102.7	360	101.7	416	103.6
1981 . . .	4,088	88.2	3,320	85.5	1,373	72.8	1,947	97.5	768	102.0	322	91.4	446	111.4
1982 . . .	3,966	84.7	3,203	81.5	1,333	69.8	1,870	92.5	763	101.7	334	95.3	429	107.4
1983 . . .	4,138	87.6	3,344	84.0	1,375	71.2	1,969	96.2	794	106.2	358	102.6	436	109.4
1984 . . .	3,902	82.7	3,153	79.6	1,319	68.6	1,834	90.0	749	99.1	310	88.0	439	108.8
1985 . . .	3,601	74.9	2,922	73.4	1,170	60.2	1,751	86.0	679	81.9	299	75.2	380	88.0
1986 . . .	3,630	74.8	3,013	75.0	1,186	60.5	1,827	89.0	617	73.4	272	67.4	345	78.8
1987 . . .	3,791	77.3	3,171	78.3	1,300	65.7	1,871	90.3	619	72.6	273	66.7	346	78.0
1988 . . .	3,761	75.9	3,072	75.1	1,204	60.3	1,868	89.2	689	79.6	288	69.3	401	89.0
1989 . . .	3,598	71.8	2,927	70.8	1,187	58.9	1,740	82.3	671	76.3	308	72.9	363	79.4

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Atherosclerosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	538	13.7	478	14.5	205	12.8	273	16.1	60	9.5	34	11.5	26	7.8
1971 . . .	558	13.9	486	14.4	194	11.8	292	16.8	72	11.3	28	9.4	44	13.0
1972 . . .	617	15.1	529	15.4	218	13.0	311	17.6	88	13.6	44	14.6	44	12.8
1973 . . .	641	15.5	544	15.6	225	13.3	319	17.8	97	15.0	47	15.5	50	14.5
1974 . . .	669	15.9	571	16.1	224	13.0	347	19.0	98	15.0	44	14.4	54	15.5
1975 . . .	622	14.6	532	14.8	201	11.5	331	17.9	90	13.7	46	15.0	44	12.5
1976 . . .	570	13.2	496	13.5	209	11.7	287	15.2	74	11.2	33	10.7	41	11.6
1977 . . .	582	13.2	514	13.8	210	11.6	304	15.8	68	10.2	35	11.3	33	9.3
1978 . . .	615	13.8	520	13.7	190	10.3	330	16.9	95	14.2	32	10.3	63	17.6
1979 . . .	642	14.2	554	14.4	205	11.0	349	17.5	88	13.1	38	12.1	50	13.9
1980 . . .	570	12.4	482	12.6	193	10.4	289	14.6	88	11.6	37	10.4	51	12.7
1981 . . .	620	13.4	522	13.4	215	11.4	307	15.4	98	13.0	38	10.8	60	15.0
1982 . . .	552	11.8	467	11.9	197	10.3	270	13.4	85	11.3	48	13.7	37	9.3
1983 . . .	495	10.5	422	10.6	165	8.5	257	12.6	73	9.8	26	7.5	47	11.8
1984 . . .	475	10.1	419	10.6	154	8.0	265	13.0	56	7.4	23	6.5	33	8.2
1985 . . .	429	8.9	375	9.4	154	7.9	221	10.9	54	6.5	21	5.3	33	7.6
1986 . . .	411	8.5	351	8.7	119	6.1	232	11.3	60	7.1	30	7.4	30	6.9
1987 . . .	347	7.1	304	7.5	119	6.0	185	8.9	43	5.0	21	5.1	22	5.0
1988 . . .	416	8.4	367	9.0	147	7.4	220	10.5	49	5.7	23	5.5	26	5.8
1989 . . .	419	8.4	371	9.0	129	6.4	242	11.4	48	5.5	17	4.0	31	6.8

Year	Pneumonia and Influenza													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	1,351	34.4	1,091	33.1	554	34.6	537	31.7	260	41.3	155	52.5	105	31.5
1971 . . .	1,193	29.8	962	28.5	528	32.2	434	25.0	231	36.3	124	41.5	107	31.6
1972 . . .	1,264	30.9	1,059	30.8	572	34.2	487	27.5	205	31.8	124	41.1	81	23.6
1973 . . .	1,197	28.9	1,009	28.9	540	31.8	469	26.1	188	29.1	113	37.4	75	21.8
1974 . . .	1,024	24.4	885	24.9	463	26.9	422	23.1	139	21.3	81	26.5	58	16.7
1975 . . .	1,101	25.8	930	25.8	501	28.6	429	23.1	171	26.0	95	31.0	76	21.7
1976 . . .	1,240	28.6	1,050	28.6	549	30.8	501	26.5	190	28.8	111	36.1	79	22.4
1977 . . .	1,070	24.3	929	24.9	525	29.0	404	21.0	141	21.2	88	28.5	53	14.9
1978 . . .	1,159	26.0	998	26.3	502	27.3	496	25.4	161	24.1	90	29.0	71	19.9
1979 . . .	908	20.0	796	20.6	397	21.2	399	20.1	112	16.6	70	22.4	42	11.6
1980 . . .	1,037	22.6	876	22.8	427	22.9	449	22.8	161	21.3	95	26.8	66	16.4
1981 . . .	1,174	25.3	1,020	26.3	483	25.6	537	26.9	154	20.5	92	26.1	62	15.5
1982 . . .	973	20.8	846	21.5	428	22.4	418	20.7	127	16.9	67	19.1	60	15.0
1983 . . .	1,117	23.6	962	24.2	496	25.7	466	22.8	155	20.7	90	25.8	65	16.3
1984 . . .	1,133	24.0	997	25.2	498	25.9	499	24.5	136	18.0	76	21.6	60	14.9
1985 . . .	1,437	29.9	1,261	31.7	619	31.8	642	31.5	176	21.2	102	25.7	74	17.1
1986 . . .	1,471	30.3	1,290	32.1	651	33.2	639	31.1	181	21.5	104	25.8	77	17.6
1987 . . .	1,361	27.8	1,194	29.5	583	29.5	611	29.5	167	19.6	101	24.7	66	14.9
1988 . . .	1,621	32.7	1,404	34.3	688	34.4	716	34.2	217	25.1	112	27.0	105	23.3
1989 . . .	1,509	30.1	1,280	31.0	584	29.0	696	32.9	229	26.0	128	30.3	101	22.1

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Chronic Obstructive Pulmonary Disease and Allied Conditions													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	718	18.3	654	19.8	519	32.4	135	8.0	64	10.2	49	16.6	15	4.5
1971 . . .	680	17.0	622	18.4	492	30.0	130	7.5	58	9.1	37	12.4	21	6.2
1972 . . .	836	20.5	739	21.5	567	33.9	172	9.7	97	15.0	75	24.8	22	6.4
1973 . . .	902	21.8	809	23.2	621	36.6	188	10.5	93	14.4	71	23.5	22	6.4
1974 . . .	941	22.4	850	24.0	672	39.0	178	9.8	91	13.9	59	19.3	32	9.2
1975 . . .	933	21.9	867	24.1	657	37.6	210	11.3	66	10.0	47	15.3	19	5.4
1976 . . .	997	23.0	898	24.5	673	37.8	225	11.9	99	15.0	77	25.0	22	6.2
1977 . . .	1,043	23.7	946	25.3	677	37.3	269	14.0	97	14.6	74	23.9	23	6.5
1978 . . .	1,148	25.7	1,055	27.8	778	42.3	277	14.2	93	13.9	69	22.2	24	6.7
1979 . . .	1,052	23.2	944	24.5	703	37.6	241	12.1	108	16.0	79	25.2	29	8.0
1980 . . .	1,237	26.9	1,121	29.2	805	43.2	316	16.0	116	15.4	78	22.0	38	9.5
1981 . . .	1,295	27.9	1,182	30.4	834	44.2	348	17.4	113	15.0	84	23.8	29	7.2
1982 . . .	1,266	27.0	1,164	29.6	830	43.5	334	16.5	102	13.6	68	19.4	34	8.5
1983 . . .	1,292	27.3	1,195	30.0	827	42.8	368	18.0	97	13.0	73	20.9	24	6.0
1984 . . .	1,458	30.9	1,335	33.7	915	47.6	420	20.6	123	16.3	82	23.3	41	10.2
1985 . . .	1,588	33.0	1,459	36.7	969	49.8	490	24.1	128	15.4	91	22.9	37	8.6
1986 . . .	1,681	34.6	1,547	38.5	1,028	52.4	519	25.3	134	15.9	101	25.0	33	7.5
1987 . . .	1,611	32.8	1,464	36.1	945	47.8	519	25.0	147	17.2	101	24.7	46	10.4
1988 . . .	1,750	35.3	1,606	39.3	1,014	50.8	592	28.3	144	16.6	96	23.1	48	10.7
1989 . . .	1,780	35.5	1,605	38.8	991	49.1	614	29.0	175	19.9	116	27.5	59	12.9

Year	Chronic Liver Disease and Cirrhosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	393	10.0	320	9.7	225	14.0	95	5.6	73	11.6	42	14.2	31	9.3
1971 . . .	354	8.8	300	8.9	202	12.3	98	5.7	54	8.5	33	11.1	21	6.2
1972 . . .	353	8.6	286	8.3	204	12.2	82	4.6	67	10.4	39	12.9	28	8.2
1973 . . .	449	10.8	364	10.4	245	14.4	119	6.6	85	13.1	46	15.2	39	11.3
1974 . . .	444	10.6	369	10.4	241	14.0	128	7.0	75	11.5	43	14.1	32	9.2
1975 . . .	401	9.4	321	8.9	214	12.2	107	5.8	80	12.2	50	16.3	30	8.6
1976 . . .	387	8.9	345	9.4	235	13.2	110	5.8	42	6.4	23	7.5	19	5.4
1977 . . .	407	9.2	341	9.1	221	12.2	120	6.2	66	9.9	42	13.6	24	6.8
1978 . . .	398	8.9	335	8.8	240	13.0	95	4.9	63	9.4	38	12.2	25	7.0
1979 . . .	431	9.5	342	8.9	210	11.2	132	6.6	89	13.2	47	15.0	42	11.6
1980 . . .	451	9.8	377	9.8	266	14.3	111	5.6	74	9.8	46	13.0	28	7.0
1981 . . .	404	8.7	339	8.7	221	11.7	118	5.9	65	8.6	37	10.5	28	7.0
1982 . . .	387	8.3	335	8.5	241	12.6	94	4.6	52	6.9	29	8.3	23	5.8
1983 . . .	388	8.2	331	8.3	204	10.6	127	6.2	57	7.6	36	10.3	21	5.3
1984 . . .	396	8.4	329	8.3	218	11.3	111	5.4	67	8.9	43	12.2	24	5.9
1985 . . .	382	7.9	318	8.0	207	10.6	111	5.5	64	7.7	36	9.1	28	6.5
1986 . . .	384	7.9	324	8.1	200	10.2	124	6.0	60	7.1	28	6.9	32	7.3
1987 . . .	412	8.4	350	8.6	235	11.9	115	5.5	62	7.3	39	9.5	23	5.2
1988 . . .	413	8.3	351	8.6	221	11.1	130	6.2	62	7.2	38	9.1	24	5.3
1989 . . .	425	8.5	356	8.6	243	12.0	113	5.3	69	7.8	48	11.4	21	4.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Congenital Anomalies													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	381	9.7	307	9.3	155	9.7	152	9.0	74	11.8	35	11.9	39	11.7
1971 . . .	339	8.5	284	8.4	171	10.4	113	6.5	55	8.6	24	8.0	31	9.2
1972 . . .	384	9.4	304	8.8	172	10.3	132	7.5	80	12.4	43	14.2	36	10.5
1973 . . .	325	7.9	266	7.6	134	7.9	131	7.3	59	9.1	32	10.6	27	7.8
1974 . . .	304	7.2	242	6.8	133	7.7	109	6.0	62	9.5	32	10.5	30	8.6
1975 . . .	298	7.0	244	6.8	123	7.0	121	6.5	54	8.2	32	10.4	22	6.3
1976 . . .	228	5.3	182	5.0	102	5.7	80	4.2	46	7.0	25	8.1	21	6.0
1977 . . .	281	6.4	222	5.9	123	6.8	99	5.1	59	8.9	40	12.9	19	5.4
1978 . . .	278	6.2	219	5.8	126	6.8	92	4.7	59	8.8	27	8.7	32	9.0
1979 . . .	280	6.2	231	6.0	129	6.9	102	5.1	49	7.3	29	9.3	20	5.5
1980 . . .	317	6.9	254	6.6	134	7.2	119	6.0	63	8.3	32	9.0	31	7.7
1981 . . .	262	5.7	213	5.5	109	5.8	104	5.2	49	6.5	24	6.8	25	6.2
1982 . . .	271	5.8	207	5.3	103	5.4	103	5.1	64	8.5	33	9.4	31	7.8
1983 . . .	275	5.8	225	5.7	109	5.6	116	5.7	50	6.7	29	8.3	21	5.3
1984 . . .	267	5.7	207	5.2	112	5.8	95	4.7	60	7.9	36	10.2	24	5.9
1985 . . .	244	5.1	181	4.5	98	5.0	83	4.1	63	7.6	31	7.8	32	7.4
1986 . . .	247	5.1	181	4.5	83	4.2	96	4.7	66	7.8	40	9.9	26	5.9
1987 . . .	230	4.7	165	4.1	89	4.5	76	3.7	65	7.6	34	8.3	31	7.0
1988 . . .	223	4.5	169	4.1	82	4.1	87	4.2	54	6.2	23	5.5	31	6.9
1989 . . .	231	4.6	178	4.3	94	4.7	84	4.0	53	6.0	27	6.4	26	5.7

Year	Complications of Pregnancy, Childbirth, and the Puerperium**					
	All Races		White		All Other Races	
	Total		Female		Female	
	No.	Rate	No.	Rate	No.	Rate
1970 . . .	18	2.5	10	1.8	8	5.2
1971 . . .	21	2.9	7	1.2	14	9.3
1972 . . .	16	2.4	10	1.9	6	4.2
1973 . . .	23	3.6	11	2.2	12	8.5
1974 . . .	24	3.7	17	3.4	7	5.0
1975 . . .	15	2.4	6	1.2	9	6.6
1976 . . .	7	1.1	3	0.6	4	2.9
1977 . . .	16	2.4	7	1.3	9	6.3
1978 . . .	10	1.5	4	0.8	6	4.0
1979 . . .	9	1.3	3	0.6	6	3.8
1980 . . .	13	1.9	9	1.7	4	2.5
1981 . . .	10	1.5	9	1.7	1	0.6
1982 . . .	5	0.7	2	0.4	3	2.0
1983 . . .	9	1.4	7	1.4	2	1.4
1984 . . .	6	0.9	2	0.4	4	2.7
1985 . . .	3	0.4	1	0.2	2	1.3
1986 . . .	3	0.5	3	0.6	–	–
1987 . . .	6	0.9	3	0.6	3	1.9
1988 . . .	8	1.1	3	0.6	5	2.9
1989 . . .	2	0.3	1	0.2	1	0.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with race and/or sex not stated.

**For explanation of rates by race, see Appendix A.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Accidents and Adverse Effects

Year	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	2,582	65.8	2,115	64.1	1,557	97.1	558	32.9	466	74.1	320	108.4	146	43.8
1971 . . .	2,467	61.5	2,068	61.3	1,475	90.0	593	34.2	399	62.7	270	90.4	129	38.1
1972 . . .	2,602	63.7	2,153	62.5	1,546	92.4	607	34.3	449	69.6	323	106.9	126	36.7
1973 . . .	2,698	65.2	2,268	65.0	1,629	96.0	639	35.6	429	66.4	296	97.9	133	38.6
1974 . . .	2,510	59.7	2,131	60.1	1,519	88.2	612	33.5	379	58.0	250	81.9	129	37.1
1975 . . .	2,310	54.2	1,936	53.7	1,369	78.3	567	30.6	374	56.9	287	93.6	87	24.8
1976 . . .	2,262	52.3	1,956	53.3	1,406	79.0	550	29.1	306	46.3	226	73.4	80	22.7
1977 . . .	2,440	55.4	2,070	55.4	1,493	82.3	577	30.0	370	55.7	264	85.4	106	29.9
1978 . . .	2,460	55.1	2,092	55.1	1,526	83.0	566	29.0	368	55.1	268	86.3	100	28.0
1979 . . .	2,350	51.8	2,007	52.0	1,436	76.8	571	28.7	343	50.9	249	79.5	94	26.1
1980 . . .	2,453	53.4	1,996	52.0	1,416	76.0	580	29.4	455	60.2	312	88.1	143	35.6
1981 . . .	2,205	47.6	1,905	49.1	1,366	72.4	539	27.0	300	39.6	212	60.2	88	22.0
1982 . . .	2,093	44.7	1,814	46.1	1,316	68.9	498	24.6	279	37.2	213	60.8	66	16.5
1983 . . .	2,173	46.0	1,824	45.8	1,251	64.7	573	28.0	349	46.7	243	69.7	106	26.6
1984 . . .	2,144	45.5	1,826	46.1	1,261	65.6	565	27.7	318	42.1	228	64.8	90	22.3
1985 . . .	2,185	45.4	1,815	45.6	1,258	64.7	557	27.4	369	44.5	265	66.6	104	24.1
1986 . . .	2,435	50.1	2,061	51.3	1,426	72.7	635	30.9	373	44.4	257	63.7	116	26.5
1987 . . .	2,334	47.6	1,992	49.2	1,367	69.1	625	30.2	341	40.0	249	60.8	92	20.7
1988 . . .	2,435	49.1	2,061	50.4	1,399	70.0	662	31.6	373	43.1	261	62.8	112	24.9
1989 . . .	2,277	45.4	1,929	46.7	1,308	64.9	621	29.4	347	39.5	242	57.3	105	23.0

Motor Vehicle Accidents

Year	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	1,406	35.8	1,218	36.9	907	56.6	311	18.4	187	29.7	136	46.1	51	15.3
1971 . . .	1,337	33.3	1,177	34.9	873	53.2	304	17.5	160	25.1	113	37.8	47	13.9
1972 . . .	1,401	34.3	1,204	35.0	893	53.4	311	17.6	197	30.5	145	48.0	52	15.2
1973 . . .	1,442	34.8	1,246	35.7	930	54.8	316	17.6	196	30.3	141	46.6	55	16.0
1974 . . .	1,290	30.7	1,133	31.9	864	50.1	269	14.7	157	24.0	107	35.1	50	14.4
1975 . . .	1,142	26.8	971	26.9	707	40.4	264	14.2	171	26.0	136	44.4	35	10.0
1976 . . .	1,160	26.8	1,016	27.7	737	41.4	279	14.8	144	21.8	110	35.7	34	9.6
1977 . . .	1,245	28.3	1,082	28.9	814	44.9	268	13.9	163	24.5	130	42.0	33	9.3
1978 . . .	1,294	29.0	1,121	29.5	839	45.6	282	14.4	173	25.9	129	41.6	44	12.3
1979 . . .	1,268	28.0	1,104	28.6	811	43.4	293	14.7	164	24.3	124	39.6	40	11.1
1980 . . .	1,178	25.7	1,046	27.3	756	40.6	290	14.7	132	17.5	112	31.6	20	5.0
1981 . . .	1,132	24.4	1,008	26.0	736	39.0	272	13.6	124	16.5	94	26.7	30	7.5
1982 . . .	1,091	23.3	972	24.7	723	37.9	249	12.3	119	15.9	96	27.4	23	5.8
1983 . . .	1,076	22.8	937	23.6	660	34.2	277	13.5	139	18.6	108	31.0	31	7.8
1984 . . .	1,154	24.5	1,014	25.6	725	37.7	289	14.2	140	18.5	103	29.3	37	9.2
1985 . . .	1,135	23.6	984	24.7	695	35.7	289	14.2	151	18.2	113	28.4	38	8.8
1986 . . .	1,289	26.5	1,128	28.1	793	40.4	335	16.3	161	19.1	120	29.8	41	9.4
1987 . . .	1,298	26.5	1,136	28.0	780	39.4	356	17.2	162	19.0	122	29.8	40	9.0
1988 . . .	1,288	26.0	1,129	27.6	799	40.0	330	15.8	159	18.4	125	30.1	34	7.5
1989 . . .	1,138	22.7	996	24.1	688	34.1	308	14.6	142	16.1	107	25.3	35	7.7

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE II (Continued)–DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1970–1989

Year	Suicide													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	497	12.7	459	13.9	356	22.2	103	6.1	38	6.0	28	9.5	10	3.0
1971 . . .	490	12.2	461	13.7	358	21.8	103	5.9	29	4.6	19	6.4	10	3.0
1972 . . .	469	11.5	440	12.8	331	19.8	109	6.2	29	4.5	20	6.6	9	2.6
1973 . . .	490	11.8	460	13.2	349	20.6	111	6.2	30	4.6	24	7.9	6	1.7
1974 . . .	544	12.9	514	14.5	390	22.6	124	6.8	30	4.6	22	7.2	8	2.3
1975 . . .	567	13.3	525	14.6	384	21.9	141	7.6	42	6.4	33	10.8	9	2.6
1976 . . .	559	12.9	515	14.0	409	23.0	106	5.6	44	6.7	39	12.7	5	1.4
1977 . . .	588	13.4	543	14.5	411	22.7	132	6.9	45	6.8	33	10.7	12	3.4
1978 . . .	548	12.3	523	13.8	389	21.1	134	6.9	25	3.7	21	6.8	4	1.1
1979 . . .	607	13.4	565	14.6	412	22.0	153	7.7	42	6.2	30	9.6	12	3.3
1980 . . .	566	12.3	523	13.6	392	21.0	131	6.6	43	5.7	34	9.6	9	2.2
1981 . . .	577	12.4	529	13.6	403	21.4	126	6.3	47	6.2	37	10.5	10	2.5
1982 . . .	589	12.6	546	13.9	424	22.2	122	6.0	43	5.7	31	8.8	12	3.0
1983 . . .	604	12.8	572	14.4	440	22.8	132	6.5	32	4.3	26	7.5	6	1.5
1984 . . .	658	14.0	619	15.6	483	25.1	136	6.7	39	5.2	32	9.1	7	1.7
1985 . . .	598	12.4	545	13.7	426	21.9	119	5.8	53	6.4	41	10.3	12	2.8
1986 . . .	642	13.2	585	14.6	457	23.3	128	6.2	57	6.8	42	10.4	15	3.4
1987 . . .	623	12.7	575	14.2	454	22.9	121	5.8	48	5.6	41	10.0	7	1.6
1988 . . .	662	13.4	603	14.7	493	24.7	110	5.3	59	6.8	46	11.1	13	2.9
1989 . . .	671	13.4	611	14.8	501	24.8	110	5.2	59	6.7	49	11.6	10	2.2

Year	Homicide and Legal Intervention													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1970 . . .	441	11.2	240	7.3	178	11.1	62	3.7	201	32.0	153	51.8	48	14.4
1971 . . .	486	12.1	269	8.0	220	13.4	49	2.8	217	34.1	185	62.0	32	9.5
1972 . . .	549	13.4	278	8.1	219	13.1	59	3.3	271	42.0	222	73.5	49	14.3
1973 . . .	550	13.3	262	7.5	214	12.6	48	2.7	288	44.5	224	74.1	64	18.6
1974 . . .	569	13.5	290	8.2	232	13.5	58	3.2	279	42.7	232	76.0	47	13.5
1975 . . .	568	13.3	302	8.4	244	13.9	58	3.1	266	40.5	213	69.5	53	15.1
1976 . . .	492	11.4	265	7.2	209	11.7	56	3.0	227	34.4	186	60.4	41	11.6
1977 . . .	477	10.8	244	6.5	195	10.8	49	2.5	233	35.1	185	59.8	48	13.5
1978 . . .	456	10.2	241	6.4	193	10.5	48	2.5	215	32.2	181	58.3	34	9.5
1979 . . .	474	10.5	244	6.3	187	10.0	57	2.9	230	34.1	190	60.7	40	11.1
1980 . . .	551	12.0	300	7.8	234	12.6	66	3.3	251	33.2	207	58.5	44	11.0
1981 . . .	510	11.0	283	7.3	223	11.8	60	3.0	227	30.2	181	51.4	46	11.5
1982 . . .	482	10.3	251	6.4	194	10.2	57	2.8	231	30.8	189	53.9	42	10.5
1983 . . .	440	9.3	222	5.6	168	8.7	54	2.6	218	29.2	179	51.3	39	9.8
1984 . . .	414	8.8	236	6.0	181	9.4	55	2.7	178	23.6	157	44.6	21	5.2
1985 . . .	431	9.0	233	5.9	174	8.9	59	2.9	198	23.9	157	39.5	41	9.5
1986 . . .	517	10.6	248	6.2	192	9.8	56	2.7	269	32.0	223	55.3	46	10.5
1987 . . .	495	10.1	230	5.7	181	9.1	49	2.4	265	31.1	204	49.9	61	13.7
1988 . . .	509	10.3	240	5.9	155	7.8	85	4.1	269	31.1	216	52.0	53	11.8
1989 . . .	462	9.2	233	5.6	177	8.8	56	2.6	228	25.9	183	43.3	45	9.8

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1970–1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979–1989.

For more detailed information see page 99 of this Bulletin.

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH			AGE AT DEATH													
			ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL CAUSES	ALL RACES......		45,362	789	121	74	92	355	399	1,177	1,621	2,687	5,797	10,264	12,981	8,993
	WHITE	M	19,849	278	48	27	49	205	228	630	796	1,395	3,031	5,143	5,449	2,566
		F	17,726	181	29	24	20	84	77	237	390	717	1,697	3,374	5,649	5,244
	OTHER RACES	M	4,139	188	30	13	19	52	80	211	287	358	617	957	910	416
		F	3,642	141	14	10	4	12	14	99	146	217	452	790	972	767
SHIGELLOSIS AND AMEBIASIS (004,006)	ALL RACES......		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WHITE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	ALL RACES......		5	3	-	-	-	-	-	-	-	-	-	-	-	2
	WHITE	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
	OTHER RACES	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	-	-	-	-	-	-	-	-
TUBERCULOSIS OF RESPIRATORY SYSTEM (010-012)	ALL RACES......		48	-	-	-	-	-	-	-	1	3	5	16	15	8
	WHITE	M	27	-	-	-	-	-	-	-	1	1	3	9	10	3
		F	11	-	-	-	-	-	-	-	-	-	-	3	4	4
	OTHER RACES	M	7	-	-	-	-	-	-	-	-	2	2	1	1	1
		F	3	-	-	-	-	-	-	-	-	-	-	3	-	-
TUBERCULOSIS, OTHER FORMS (013-018)	ALL RACES......		10	-	-	-	-	-	-	1	-	1	2	3	3	-
	WHITE	M	5	-	-	-	-	-	-	-	-	1	1	-	3	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-
	OTHER RACES	M	2	-	-	-	-	-	-	-	-	-	-	2	-	-
		F	2	-	-	-	-	-	-	1	-	-	-	1	-	-
MENINGOCOCCAL INFECTION (036)	ALL RACES......		2	1	-	-	-	-	-	-	-	1	-	-	-	-
	WHITE	M	1	1	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEPTICEMIA (038)	ALL RACES......		296	12	1	-	-	1	-	1	8	13	26	59	95	80
	WHITE	M	94	6	1	-	-	-	-	-	3	5	6	24	31	18
		F	109	2	-	-	-	1	-	1	1	1	11	15	43	34
	OTHER RACES	M	38	1	-	-	-	-	-	-	4	4	4	7	8	10
		F	55	3	-	-	-	-	-	-	-	3	5	13	13	18
VIRAL ENCEPHALITIS (049.8-049.9, 062-064)	ALL RACES......		3	-	-	-	-	-	2	-	1	-	-	-	-	-
	WHITE	M	1	-	-	-	-	-	1	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	1	-	1	-	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIRAL HEPATITIS (070)	ALL RACES......		58	-	-	-	-	2	3	7	8	6	9	10	10	3
	WHITE	M	31	-	-	-	-	2	2	7	5	3	3	3	4	2
		F	22	-	-	-	-	-	1	-	3	1	4	6	6	1
	OTHER RACES	M	3	-	-	-	-	-	-	-	-	2	1	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	1	1	-	-
ROCKY MTN. SPOTTED FEVER (082.0)	ALL RACES......		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	WHITE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYPHILIS (090-097)	ALL RACES......		1	-	-	-	-	-	-	-	-	1	-	-	-	-
	WHITE	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH			AGE AT DEATH													
			ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL OTHER INFECTIOUS AND PARASITIC DISEASES (001-003,005,020-032,037, 039-041,042.0-042.2,042.9,043.0-043.3, 043.9,044.0,044.9,046-048,049.0-049.1, 050-054,056-061,065-066,071-081,082.1-082.3,082.8-082.9,083-088,098-139)	ALL RACES......		262	6	3	1	1	1	4	67	55	23	30	38	26	7
	WHITE	M	156	1	-	1	-	-	2	43	35	20	21	21	10	2
		F	41	4	-	-	-	-	1	2	2	1	5	12	10	4
	OTHER RACES	M	43	-	2	-	1	-	-	15	14	2	2	2	4	1
		F	22	1	1	-	-	1	1	7	4	-	2	3	2	-
MALIGNANT NEOPLASMS (140-208)	ALL RACES......		10,181	1	10	11	9	19	24	96	360	861	2,126	3,084	2,619	961
	WHITE	M	4,659	-	5	5	6	11	11	32	124	375	1,056	1,494	1,197	343
		F	3,840	1	3	4	3	5	9	41	154	323	721	1,091	1,015	470
	OTHER RACES	M	960	-	2	2	-	1	2	10	30	90	212	312	231	68
		F	722	-	-	-	-	2	2	13	52	73	137	187	176	80
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE (210-239)	ALL RACES......		97	-	-	-	-	2	-	4	4	6	6	23	31	21
	WHITE	M	35	-	-	-	-	1	-	2	3	4	1	8	15	1
		F	51	-	-	-	-	-	-	2	1	2	5	8	14	19
	OTHER RACES	M	7	-	-	-	-	1	-	-	-	-	-	5	1	-
		F	4	-	-	-	-	-	-	-	-	-	-	2	1	1
DIABETES MELLITUS (250)	ALL RACES......		915	-	1	-	-	1	3	14	38	54	139	268	281	116
	WHITE	M	258	-	1	-	-	1	1	10	11	18	47	86	58	25
		F	421	-	-	-	-	-	1	2	14	20	49	115	149	71
	OTHER RACES	M	88	-	-	-	-	-	1	2	6	10	17	24	22	6
		F	147	-	-	-	-	-	-	-	6	6	26	43	52	14
NUTRITIONAL DEFICIENCIES (260-269)	ALL RACES......		41	-	-	-	-	-	-	-	-	-	1	5	17	18
	WHITE	M	16	-	-	-	-	-	-	-	-	-	-	4	9	3
		F	17	-	-	-	-	-	-	-	-	-	-	1	6	10
	OTHER RACES	M	6	-	-	-	-	-	-	-	-	-	1	-	2	3
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2
ANEMIAS (280-285)	ALL RACES......		90	1	3	-	-	2	2	2	4	2	3	12	37	22
	WHITE	M	25	-	-	-	-	-	-	-	-	-	-	4	13	8
		F	39	1	-	-	-	-	-	1	-	-	2	7	18	10
	OTHER RACES	M	12	-	1	-	-	2	2	-	3	-	-	1	2	1
		F	14	-	2	-	-	-	-	1	1	2	1	-	4	3
MENINGITIS (320-322)	ALL RACES......		18	3	3	-	-	-	-	-	1	-	2	5	3	1
	WHITE	M	5	-	-	-	-	-	-	-	1	-	1	2	1	-
		F	8	1	2	-	-	-	-	-	-	-	1	1	2	1
	OTHER RACES	M	2	1	1	-	-	-	-	-	-	-	-	-	-	-
		F	3	1	-	-	-	-	-	-	-	-	-	2	-	-
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE (390-398)	ALL RACES......		111	-	-	-	-	-	-	5	6	11	20	28	29	12
	WHITE	M	30	-	-	-	-	-	-	2	1	1	7	8	9	2
		F	63	-	-	-	-	-	-	1	5	5	8	16	18	10
	OTHER RACES	M	7	-	-	-	-	-	-	1	-	-	4	-	2	-
		F	11	-	-	-	-	-	-	1	-	5	1	4	-	-
HYPERTENSIVE HEART DISEASE (402)	ALL RACES......		494	-	-	-	-	-	-	9	31	35	67	94	151	107
	WHITE	M	111	-	-	-	-	-	-	2	4	8	17	27	38	15
		F	166	-	-	-	-	-	-	-	3	4	7	24	70	58
	OTHER RACES	M	107	-	-	-	-	-	-	4	17	16	22	21	17	10
		F	110	-	-	-	-	-	-	3	7	7	21	22	26	24
HYPERTENSIVE HEART AND RENAL DISEASE (404)	ALL RACES......		51	-	-	-	-	-	-	-	-	2	8	13	17	11
	WHITE	M	10	-	-	-	-	-	-	-	-	-	4	4	-	2
		F	24	-	-	-	-	-	-	-	-	2	2	2	13	5
	OTHER RACES	M	7	-	-	-	-	-	-	-	-	-	-	2	1	4
		F	10	-	-	-	-	-	-	-	-	-	2	5	3	-
ISCHEMIC HEART DISEASE (410-414)	ALL RACES......		10,246	1	-	-	-	-	5	33	179	526	1,275	2,462	3,325	2,436
	WHITE	M	4,959	-	-	-	-	-	3	19	126	367	822	1,422	1,508	690
		F	4,123	-	-	-	-	-	-	6	14	89	278	752	1,498	1,486
	OTHER RACES	M	547	1	-	-	-	-	2	7	30	43	91	148	134	91
		F	617	-	-	-	-	-	-	1	9	27	84	140	185	169

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TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH			AGE AT DEATH													
			ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
ALL OTHER FORMS OF HEART DISEASE (415-429)	ALL RACES......		4,462	9	1	3	5	7	10	34	85	200	489	941	1,407	1,269
	WHITE	M	1,628	4	-	2	-	2	3	9	36	88	213	438	514	319
		F	1,822	2	-	1	2	1	3	12	23	33	133	254	600	757
	OTHER RACES	M	489	2	1	-	2	3	4	10	15	52	83	122	141	54
		F	523	1	-	-	1	1	-	3	11	27	60	127	152	139
HYPERTENSION, WITH OR WITHOUT RENAL DISEASE (401,403)	ALL RACES......		162	-	-	-	-	-	-	1	7	6	13	39	63	33
	WHITE	M	66	-	-	-	-	-	-	1	3	3	5	14	27	13
		F	46	-	-	-	-	-	-	-	-	1	2	11	16	16
	OTHER RACES	M	23	-	-	-	-	-	-	-	3	1	3	7	8	1
		F	27	-	-	-	-	-	-	-	1	1	3	7	12	3
CEREBROVASCULAR DISEASE (430-438)	ALL RACES......		3,598	1	-	-	-	1	1	26	57	107	266	645	1,339	1,153
	WHITE	M	1,187	-	-	-	-	-	-	11	15	38	119	266	471	267
		F	1,740	1	-	-	-	-	1	4	17	30	83	231	632	740
	OTHER RACES	M	308	-	-	-	-	1	-	8	16	25	39	77	100	42
		F	363	-	-	-	-	-	-	3	9	14	25	71	136	104
ATHEROSCLEROSIS (440)	ALL RACES......		419	-	-	-	-	-	-	2	2	5	13	53	128	216
	WHITE	M	129	-	-	-	-	-	-	2	2	4	5	21	38	57
		F	242	-	-	-	-	-	-	-	-	1	5	24	73	139
	OTHER RACES	M	17	-	-	-	-	-	-	-	-	-	1	2	8	6
		F	31	-	-	-	-	-	-	-	-	-	2	6	9	14
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES (441-448)	ALL RACES......		470	-	-	-	-	1	1	2	7	17	65	137	150	90
	WHITE	M	257	-	-	-	-	-	1	-	2	10	43	87	79	35
		F	150	-	-	-	-	-	-	1	1	2	13	38	52	43
	OTHER RACES	M	30	-	-	-	-	1	-	1	2	5	4	7	7	3
		F	33	-	-	-	-	-	-	-	2	-	5	5	12	9
ACUTE BRONCHITIS AND BRONCHIOLITIS (466)	ALL RACES......		14	2	-	-	-	-	-	-	-	-	1	3	1	7
	WHITE	M	4	-	-	-	-	-	-	-	-	-	-	-	1	3
		F	8	-	-	-	-	-	-	-	-	-	1	3	-	4
	OTHER RACES	M	2	2	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA (480-486)	ALL RACES......		1,490	14	2	-	1	2	3	16	20	34	71	195	503	628
	WHITE	M	575	7	-	-	-	-	2	4	7	12	24	98	211	209
		F	687	3	-	-	-	-	-	5	7	14	29	61	224	344
	OTHER RACES	M	128	1	2	-	1	1	1	4	4	6	14	28	40	26
		F	100	3	-	-	-	1	-	3	2	2	4	8	28	49
INFLUENZA (487)	ALL RACES......		19	-	-	-	1	-	-	2	1	1	2	3	1	8
	WHITE	M	9	-	-	-	-	-	-	1	1	1	-	2	1	3
		F	9	-	-	-	1	-	-	1	-	-	2	1	-	4
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
BRONCHITIS, CHRONIC AND UNSPECIFIED (490-491)	ALL RACES......		88	-	-	-	-	-	-	-	-	5	8	30	25	20
	WHITE	M	45	-	-	-	-	-	-	-	-	-	4	19	15	7
		F	34	-	-	-	-	-	-	-	-	4	3	9	6	12
	OTHER RACES	M	5	-	-	-	-	-	-	-	-	-	1	2	2	-
		F	4	-	-	-	-	-	-	-	-	1	-	-	2	1
EMPHYSEMA (492)	ALL RACES......		266	-	-	-	-	-	-	-	2	11	47	106	82	18
	WHITE	M	159	-	-	-	-	-	-	-	1	6	20	68	56	8
		F	87	-	-	-	-	-	-	-	1	5	23	32	21	5
	OTHER RACES	M	15	-	-	-	-	-	-	-	-	-	1	5	5	4
		F	5	-	-	-	-	-	-	-	-	-	3	1	-	1
ASTHMA (493)	ALL RACES......		79	-	-	-	1	-	2	8	3	5	14	22	17	7
	WHITE	M	20	-	-	-	1	-	1	2	1	-	4	8	2	1
		F	34	-	-	-	-	-	1	3	-	3	4	7	12	4
	OTHER RACES	M	9	-	-	-	-	-	-	1	-	-	3	3	1	1
		F	16	-	-	-	-	-	-	2	2	2	3	4	2	1

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TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH			AGE AT DEATH													
			ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (494-496)	ALL RACES......		1,347	-	-	-	-	-	-	1	6	37	203	464	497	139
	WHITE	M	767	-	-	-	-	-	-	-	3	25	109	261	286	83
		F	459	-	-	-	-	-	-	-	1	10	76	163	165	44
	OTHER RACES	M	87	-	-	-	-	-	-	-	2	2	12	22	39	10
		F	34	-	-	-	-	-	-	1	-	-	6	18	7	2
ULCER OF STOMACH AND DUODENUM (531-533)	ALL RACES......		123	-	-	-	-	1	-	2	1	4	11	26	41	37
	WHITE	M	46	-	-	-	-	1	-	2	1	1	7	10	14	10
		F	60	-	-	-	-	-	-	-	-	3	2	11	22	22
	OTHER RACES	M	9	-	-	-	-	-	-	-	-	-	1	2	4	2
		F	8	-	-	-	-	-	-	-	-	-	1	3	1	3
APPENDICITIS (540-543)	ALL RACES......		11	-	-	-	-	1	-	-	-	2	1	1	4	2
	WHITE	M	5	-	-	-	-	-	-	-	-	1	-	1	2	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	-
	OTHER RACES	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	3	-	-	-	-	1	-	-	-	1	1	-	-	-
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	ALL RACES......		128	2	2	1	-	-	-	1	1	5	9	16	50	40
	WHITE	M	39	1	1	-	-	-	-	-	1	3	4	4	17	8
		F	59	-	-	-	-	-	-	-	-	-	3	7	22	26
	OTHER RACES	M	14	1	1	1	-	-	-	1	-	1	1	2	5	1
		F	16	-	-	-	-	-	-	-	-	1	1	3	6	5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	ALL RACES......		425	-	-	-	-	-	-	16	37	81	111	111	55	14
	WHITE	M	243	-	-	-	-	-	-	6	22	63	62	66	20	4
		F	113	-	-	-	-	-	-	6	1	6	28	31	32	9
	OTHER RACES	M	48	-	-	-	-	-	-	4	11	8	15	10	-	-
		F	21	-	-	-	-	-	-	-	3	4	6	4	3	1
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER (574-575)	ALL RACES......		76	-	-	-	-	-	-	-	2	5	5	11	27	26
	WHITE	M	27	-	-	-	-	-	-	-	-	1	1	5	12	8
		F	43	-	-	-	-	-	-	-	1	3	3	6	12	18
	OTHER RACES	M	3	-	-	-	-	-	-	-	1	1	-	-	1	-
		F	3	-	-	-	-	-	-	-	-	-	1	-	2	-
ACUTE GLOMERULONEPHRITIS AND NEPHROTIC SYNDROME (580-581)	ALL RACES......		5	-	-	-	-	-	-	-	-	-	1	2	2	-
	WHITE	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	1	2	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-
CHRONIC GLOMERULONEPHRITIS AND UNSPECIFIED NEPHRITIS, NEPHROPATHY, AND RENAL SCLEROSIS (582-583,587)	ALL RACES......		50	-	-	-	-	-	1	1	2	3	3	12	19	9
	WHITE	M	13	-	-	-	-	-	-	-	-	2	1	3	5	2
		F	22	-	-	-	-	-	1	-	2	-	2	4	10	3
	OTHER RACES	M	4	-	-	-	-	-	-	1	-	1	-	2	-	-
		F	11	-	-	-	-	-	-	-	-	-	-	3	4	4
RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE (584-586,588-589)	ALL RACES......		332	2	-	1	-	-	-	5	1	11	35	79	110	88
	WHITE	M	121	2	-	-	-	-	-	1	1	4	18	31	30	34
		F	131	-	-	-	-	-	-	1	-	2	9	27	54	38
	OTHER RACES	M	40	-	-	-	-	-	-	2	-	1	4	11	15	7
		F	40	-	-	1	-	-	-	1	-	4	4	10	11	9
INFECTIONS OF KIDNEY (590)	ALL RACES......		36	-	-	-	-	-	-	1	1	1	-	7	13	13
	WHITE	M	6	-	-	-	-	-	-	-	-	-	-	2	2	2
		F	19	-	-	-	-	-	-	-	-	1	-	4	7	7
	OTHER RACES	M	5	-	-	-	-	-	-	-	-	-	-	-	2	3
		F	6	-	-	-	-	-	-	1	1	-	-	1	2	1
HYPERPLASIA OF PROSTATE (600)	ALL RACES......		13	-	-	-	-	-	-	-	-	-	-	2	7	4
	WHITE	M	13	-	-	-	-	-	-	-	-	-	-	2	7	4
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE III(CONTINUED)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1989

CAUSE OF DEATH			AGE AT DEATH													
			ALL DEATHS	UNDER 1 YEAR	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-34 YEARS	35-44 YEARS	45-54 YEARS	55-64 YEARS	65-74 YEARS	75-84 YEARS	85+ YEARS
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)	ALL RACES......		2	-	-	-	-	-	-	-	2	-	-	-	-	-
	WHITE	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	1	-	-	-	-	-
	OTHER RACES	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	1	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	ALL RACES......		231	132	19	4	4	7	3	9	13	10	9	11	9	1
	WHITE	M	94	53	6	1	2	4	2	2	7	4	3	5	4	1
		F	84	44	7	1	1	1	1	3	4	6	5	6	5	-
	OTHER RACES	M	27	18	3	2	-	1	-	1	1	-	1	-	-	-
		F	26	17	3	-	1	1	-	3	1	-	-	-	-	-
BIRTH TRAUMA, INTRAUTERINE HYPOXIA, BIRTH ASPHYXIA, AND RESPIRATORY DISTRESS SYNDROME (767-769)	ALL RACES......		77	76	1	-	-	-	-	-	-	-	-	-	-	-
	WHITE	M	36	36	-	-	-	-	-	-	-	-	-	-	-	-
		F	15	15	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES	M	15	14	1	-	-	-	-	-	-	-	-	-	-	-
		F	11	11	-	-	-	-	-	-	-	-	-	-	-	-
OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-766, 770-779)	ALL RACES......		322	320	1	1	-	-	-	-	-	-	-	-	-	-
	WHITE	M	88	86	1	1	-	-	-	-	-	-	-	-	-	-
		F	61	61	-	-	-	-	-	-	-	-	-	-	-	-
	OTHER RACES	M	98	98	-	-	-	-	-	-	-	-	-	-	-	-
		F	74	74	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	ALL RACES......		894	145	4	2	-	4	1	17	31	70	78	163	209	170
	WHITE	M	404	63	1	-	-	2	-	11	15	46	50	88	82	46
		F	313	31	1	-	-	1	-	3	8	14	13	45	95	102
	OTHER RACES	M	108	36	2	2	-	1	1	2	6	6	8	21	13	10
		F	68	15	-	-	-	-	-	1	2	4	7	9	18	12
ALL OTHER DISEASES (240-246,251-259,270-279,286-319 323-389,451-465,470-478,500-530, 534-537,555-558,562-570,572-573, 576-579,591-599,601-629,680-739)	ALL RACES......		3,831	33	13	5	14	16	23	79	124	208	345	719	1,248	1,004
	WHITE	M	1,423	11	5	1	10	6	14	35	51	83	163	316	471	257
		F	1,745	11	2	2	2	5	5	17	33	71	107	266	607	617
	OTHER RACES	M	335	2	4	1	2	2	2	15	29	35	43	74	83	43
		F	328	9	2	1	-	3	2	12	11	19	32	63	87	87
MOTOR VEHICLE ACCIDENTS (E810-E825)	ALL RACES......		1,138	4	22	25	29	169	145	257	146	98	77	82	66	18
	WHITE	M	688	1	8	10	17	104	96	168	89	61	40	43	41	10
		F	308	3	7	9	8	53	32	56	30	23	28	27	24	8
	OTHER RACES	M	107	-	4	2	4	12	15	24	21	9	7	8	1	-
		F	35	-	3	4	-	-	2	9	6	5	2	4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807,E826-E949)	ALL RACES......		1,139	15	32	17	17	41	46	150	130	89	101	153	194	152
	WHITE	M	620	5	18	6	10	25	32	95	80	60	71	84	88	45
		F	313	1	7	7	2	8	6	24	19	10	16	37	83	93
	OTHER RACES	M	135	6	4	2	4	7	7	20	23	14	12	20	10	5
		F	70	3	3	2	1	1	1	11	7	5	2	12	13	9
SUICIDE (E950-E959)	ALL RACES......		671	-	-	-	4	45	53	145	125	74	71	87	50	17
	WHITE	M	501	-	-	-	2	35	33	105	85	54	59	71	45	12
		F	110	-	-	-	1	6	6	22	31	16	9	11	4	4
	OTHER RACES	M	49	-	-	-	1	2	12	17	7	3	2	4	-	1
		F	10	-	-	-	-	1	2	1	2	1	1	1	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	ALL RACES......		462	5	1	3	6	29	57	159	106	48	22	19	3	4
	WHITE	M	177	1	1	-	1	8	17	55	53	17	12	10	1	1
		F	56	-	-	-	-	3	7	23	7	10	1	3	1	1
	OTHER RACES	M	183	3	-	1	4	17	30	60	40	18	6	3	-	1
		F	45	1	-	2	1	-	3	21	6	3	3	3	1	1
ALL OTHER EXTERNAL CAUSES (E980-E999)	ALL RACES......		53	1	2	-	-	3	10	4	13	5	7	5	2	1
	WHITE	M	33	-	-	-	-	3	7	3	6	4	4	4	1	1
		F	10	-	-	-	-	-	1	-	5	-	3	1	-	-
	OTHER RACES	M	8	1	2	-	-	-	1	1	2	1	-	-	-	-
		F	2	-	-	-	-	-	1	-	-	-	-	-	1	-

TOTALS MAY INCLUDE ONE OR MORE DEATHS WITH AGE, RACE, AND/OR SEX NOT STATED.

TABLE IV-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All Causes#	45,362	9.1	37,575	9.1	7,782	8.8
Typhoid and paratyphoid fevers (002)	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003, 005)	3	0.1	3	0.1	-	-
Amebiasis (006)	-	-	-	-	-	-
Certain other intestinal infections (007–009)	5	0.1	2	0.0	3	0.3
Tuberculosis of respiratory system (010–012)	46	1.0	36	0.9	10	1.1
Other tuberculosis, excluding late effects (013–018)	10	0.2	6	0.1	4	0.5
Brucellosis (023)	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-
Streptococcal sore throat and scarlatina (034)	-	-	-	-	-	-
Erysipelas (035)	-	-	-	-	-	-
Meningococcal infection (036)	2	0.0	2	0.0	-	-
Tetanus (037)	-	-	-	-	-	-
Septicemia (038)	296	5.9	203	4.9	93	10.6
All other bacterial diseases (001,020–022,024–027,030,031,039–041)	12	0.2	11	0.3	1	0.1
Human immunodeficiency virus (HIV) infection (*042–*044)	144	2.9	107	2.6	37	4.2
Acute poliomyelitis (045)	-	-	-	-	-	-
Viral encephalitis (049.8–049.9,062–064)	3	0.1	3	0.1	-	-
Measles (055)	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-
Viral hepatitis (070)	58	1.2	53	1.3	5	0.6
All other viral diseases (046–049.1,050–054, 057,060,061,065,066,071–079)	21	0.4	17	0.4	4	0.5
Rocky Mountain spotted fever (082.0)	-	-	-	-	-	-
Other rickettsioses (080,081,082.1–083)	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-
Cardiovascular syphilis (093)	-	-	-	-	-	-
Neurosyphilis (094)	1	0.0	1	0.0	-	-
All other syphilis (090–092,095–097)	-	-	-	-	-	-
Gonococcal infections (098)	-	-	-	-	-	-
Candidiasis (112)	27	0.5	18	0.4	9	1.0
Histoplasmosis (115)	2	0.0	1	0.0	1	0.1
All other mycoses (110,111,114,116–118)	24	0.5	20	0.5	4	0.5
Helminthiases (120–129)	2	0.0	1	0.0	1	0.1
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (085–088,099–104,130–139)	27	0.5	19	0.5	8	0.9
Malignant neoplasm of lip, oral cavity, and pharynx (140–149)	160	3.2	139	3.4	21	2.4
Malignant neoplasm of esophagus (150)	183	3.7	120	2.9	63	7.2
Malignant neoplasm of stomach (151)	221	4.4	162	3.9	59	6.7
Malignant neoplasm of small intestine, including duodenum (152)	22	0.4	18	0.4	4	0.5
Malignant neoplasm of colon (153)	980	19.6	824	19.9	156	17.7
Malignant neoplasm of rectum, rectosigmoid junction, and anus (154)	136	2.7	119	2.9	17	1.9
Malignant neoplasm of liver and intrahepatic bile ducts (155)	154	3.1	123	3.0	31	3.5
Malignant neoplasm of gallbladder and extrahepatic bile ducts (156)	66	1.3	62	1.5	4	0.5
Malignant neoplasm of pancreas (157)	552	11.0	456	11.0	96	10.9
Malignant neoplasm of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158–159)	31	0.6	27	0.7	4	0.5

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

Totals may include one or more deaths with race not stated.

#Rate per 1,000 population.

*These codes are not part of the Ninth Revision International Classification of Diseases.

TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasm of larynx (161)	82	1.6	66	1.6	16	1.8
Malignant neoplasm of trachea, bronchus, and lung (162)	3,163	63.1	2,687	65.0	476	54.1
Malignant neoplasm of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	38	0.8	32	0.8	6	0.7
Malignant neoplasm of bone and articular cartilage and of connective and other soft tissue (170-171)	76	1.5	62	1.5	14	1.6
Malignant neoplasm of skin (172-173)	205	4.1	197	4.8	8	0.9
Malignant neoplasm of female breast (174)	771	30.0	632	29.9	139	30.4
Malignant neoplasm of male breast (175)	7	0.3	7	0.3	-	-
Malignant neoplasm of cervix uteri (180)	102	4.0	70	3.3	32	7.0
Malignant neoplasm of other parts of uterus (179,181-182)	125	4.9	94	4.4	31	6.8
Malignant neoplasm of other female genital organs (183-184)	255	9.9	237	11.2	18	3.9
Malignant neoplasm of prostate (185)	629	25.8	463	23.0	166	39.3
Malignant neoplasm of other male genital organs (186-187)	14	0.6	12	0.6	2	0.5
Malignant neoplasm of bladder (188)	211	4.2	175	4.2	36	4.1
Malignant neoplasm of kidney and other and unspecified urinary organs (189)	190	3.8	167	4.0	23	2.6
Malignant neoplasm of brain (191)	259	5.2	243	5.9	16	1.8
Malignant neoplasm of all other and unspecified sites (190,192-195,199)	595	11.9	479	11.6	116	13.2
Lymphosarcoma and reticulosarcoma (200)	31	0.6	28	0.7	3	0.3
Hodgkin's disease (201)	30	0.6	27	0.7	3	0.3
Other malignant neoplasm of lymphoid and histiocytic tissue (202)	331	6.6	295	7.1	36	4.1
Multiple myeloma and immunoproliferative neoplasms (203)	197	3.9	153	3.7	44	5.0
Lymphoid leukemia (204)	119	2.4	103	2.5	16	1.8
Myeloid leukemia (205)	139	2.8	128	3.1	11	1.3
Other and unspecified leukemia (206-208)	107	2.1	92	2.2	15	1.7
Benign neoplasms (210-229)	38	0.8	34	0.8	4	0.5
Carcinoma in situ (230-234)	1	0.0	1	0.0	-	-
Neoplasms of uncertain behavior and unspecified nature (235-239)	58	1.2	51	1.2	7	0.8
Disorders of thyroid gland (240-246)	13	0.3	7	0.2	6	0.7
Diabetes mellitus (250)	915	18.3	679	16.4	235	26.7
Diseases of other endocrine glands (251-259)	21	0.4	16	0.4	5	0.6
Nutritional deficiencies (260-269)	41	0.8	33	0.8	8	0.9
Other metabolic disorders and immunity disorders (270-279)	233	4.6	183	4.4	50	5.7
Anemias (280-285)	90	1.8	64	1.5	26	3.0
All other diseases of blood and blood-forming organs (286-289)	80	1.6	67	1.6	13	1.5
Psychoses (290-299)	375	7.5	327	7.9	48	5.5
Alcohol dependence syndrome (303)	116	2.3	80	1.9	36	4.1
Drug dependence (304)	4	0.1	3	0.1	1	0.1
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	176	3.5	148	3.6	28	3.2
Mental retardation (317-319)	13	0.3	11	0.3	2	0.2
Meningitis (320-322)	18	0.4	13	0.3	5	0.6
Parkinson's disease (332)	127	2.5	117	2.8	10	1.1
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	427	8.5	384	9.3	43	4.9
Multiple sclerosis (340)	19	0.4	16	0.4	3	0.3
Infantile cerebral palsy (343)	17	0.3	12	0.3	5	0.6
Epilepsy (345)	33	0.7	19	0.5	14	1.6

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

Totals may include one or more deaths with race not stated.

TABLE IV (Continued)–DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races Number	All Races Rate	White Number	White Rate	All Other Races Number	All Other Races Rate
All other diseases of central nervous system (323–326, 341–342,344,346–359)	140	2.8	109	2.6	31	3.5
Disorders of the eye and adnexa (360–379)	2	0.0	2	0.0	-	-
Disorders of the ear and mastoid process (380–389)	4	0.1	4	0.1	-	-
Acute rheumatic fever (390–392)	1	0.0	1	0.0	-	-
Diseases of mitral valve (394)	44	0.9	36	0.9	8	0.9
Diseases of aortic valve (395)	9	0.2	8	0.2	1	0.1
Diseases of mitral and aortic valves (396)	29	0.6	25	0.6	4	0.5
All other chronic rheumatic heart disease (393,397–398)	28	0.6	23	0.6	5	0.6
Essential hypertension (401)	58	1.2	46	1.1	12	1.4
Hypertensive heart disease (402)	494	9.9	277	6.7	217	24.7
Hypertensive renal disease (403)	104	2.1	66	1.6	38	4.3
Hypertensive heart and renal disease (404)	51	1.0	34	0.8	17	1.9
Acute myocardial infarction (410)	5,941	118.6	5,297	128.2	644	73.2
Other acute and subacute forms of ischemic heart disease (411)	27	0.5	18	0.4	9	1.0
Angina pectoris (413)	16	0.3	15	0.4	1	0.1
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	4,262	85.0	3,752	90.8	510	58.0
Diseases of pulmonary circulation (415–417)	247	4.9	204	4.9	43	4.9
Acute pericarditis, acute and subacute endocarditis, acute myocarditis, and other diseases of pericardium (420–423)	38	0.8	32	0.8	6	0.7
Other diseases of endocardium (424)	180	3.6	161	3.9	19	2.2
Cardiomyopathy (425)	407	8.1	301	7.3	106	12.1
Heart failure (428)	773	15.4	648	15.7	125	14.2
All other and ill–defined forms of heart disease (426–427,429)	2,817	56.2	2,104	50.9	713	81.1
Subarachnoid hemorrhage (430)	153	3.1	129	3.1	24	2.7
Intracerebral and other and unspecified intracranial hemorrhage (431–432)	465	9.3	355	8.6	110	12.5
Occlusion and stenosis of precerebral arteries (433)	32	0.6	28	0.7	4	0.5
Occlusion of cerebral arteries (434)	472	9.4	388	9.4	84	9.6
Acute but ill–defined cerebrovascular disease (436)	2,041	40.7	1,678	40.6	363	41.3
Other and ill–defined and late effects of cerebrovascular disease (435,437–438)	435	8.7	349	8.4	86	9.8
Atherosclerosis (440)	419	8.4	371	9.0	48	5.5
Aortic aneurysm (441)	285	5.7	256	6.2	29	3.3
All other diseases of arteries, arterioles, and capillaries (442–448)	185	3.7	151	3.7	34	3.9
Diseases of veins and lymphatics, and other diseases of circulatory system (451–459)	86	1.7	70	1.7	16	1.8
Acute bronchitis and bronchiolitis (466)	14	0.3	12	0.3	2	0.2
Viral pneumonia (480)	12	0.2	8	0.2	4	0.5
Pneumococcal and other bacterial pneumonia (481–482)	120	2.4	107	2.6	13	1.5
Bronchopneumonia, organism unspecified (485)	113	2.3	101	2.4	12	1.4
Pneumonia due to other and unspecified organism (483,486)	1,245	24.8	1,046	25.3	199	22.6
Influenza (487)	19	0.4	18	0.4	1	0.1
Bronchitis, chronic and unspecified (490–491)	88	1.8	79	1.9	9	1.0
Emphysema (492)	266	5.3	246	6.0	20	2.3
Asthma (493)	79	1.6	54	1.3	25	2.8
Chronic airways obstruction, not elsewhere classified (496)	1,319	26.3	1,200	29.0	119	13.5
Empyema and abscess of lung and mediastinum (510,513)	9	0.2	6	0.1	3	0.3
Pleurisy (511)	10	0.2	9	0.2	1	0.1
All other diseases of the respiratory system (460–465, 470–478,494–495,500–508,512,514–519)	492	9.8	412	10.0	80	9.1

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

Totals may include one or more deaths with race not stated.

TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Diseases of oral cavity, salivary glands, and jaws (520–529)	3	0.1	3	0.1	-	-
Gastric ulcer (531)	38	0.8	30	0.7	8	0.9
Duodenal ulcer (532)	34	0.7	32	0.8	2	0.2
Peptic ulcer, site unspecified (533)	51	1.0	44	1.1	7	0.8
Gastritis and duodenitis (535)	9	0.2	7	0.2	2	0.2
Other diseases of esophagus, stomach, and duodenum (530,534,536,537)	59	1.2	53	1.3	6	0.7
Appendicitis (540–543)	11	0.2	7	0.2	4	0.5
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550–553,560)	128	2.6	98	2.4	30	3.4
Regional enteritis and idiopathic proctocolitis (555–556)	10	0.2	8	0.2	2	0.2
All other noninfective gastroenteritis and colitis (557–558)	192	3.8	171	4.1	21	2.4
Diverticula of intestine (562)	79	1.6	69	1.7	10	1.1
Chronic liver disease and cirrhosis (571)	425	8.5	356	8.6	69	7.8
Cholelithiasis and other disorders of gallbladder (574–575)	76	1.5	70	1.7	6	0.7
All other diseases of digestive system (564–570, 572–573,576–579)	344	6.9	292	7.1	52	5.9
Acute glomerulonephritis (580)	2	0.0	1	0.0	1	0.1
Nephrotic syndrome (581)	3	0.1	3	0.1	-	-
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582–583,587)	50	1.0	35	0.8	15	1.7
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584–586,588–589)	332	6.6	252	6.1	80	9.1
Infections of kidney (590)	36	0.7	25	0.6	11	1.3
Urinary calculus (592,594)	7	0.1	5	0.1	2	0.2
All other diseases of urinary system (591,593,595–599)	477	9.5	364	8.8	113	12.8
Hyperplasia of prostate (600)	13	0.5	13	0.6	-	-
Other diseases of male genital organs (601–608)	4	0.2	3	0.1	1	0.2
Disorders of breast (610–611)	-	-	-	-	-	-
Diseases of female genital organs (614–629)	6	0.2	4	0.2	2	0.4
Pregnancy with abortive outcome (630–639)**	-	-	-	-	-	-
Hemorrhage of pregnancy and childbirth (640–641,666)**	-	-	-	-	-	-
Toxemia of pregnancy, childbirth, and the puerperium (642.4–642.9,643)**	2	0.3	1	0.2	1	0.5
Other complications of pregnancy, childbirth, and the puerperium (642.0–642.3,644–665,667–676)**	-	-	-	-	-	-
Infections of skin and subcutaneous tissue (680–686)	28	0.6	25	0.6	3	0.3
All other inflammatory conditions and diseases of skin and subcutaneous tissue (690–709)	41	0.8	23	0.6	18	2.0
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	55	1.1	53	1.3	2	0.2
Other arthropathies and related disorders (710–712,715–719)	109	2.2	81	2.0	28	3.2
Dorsopathies (720–724)	6	0.1	6	0.1	-	-
Rheumatism, excluding the back (725–729)	4	0.1	3	0.1	1	0.1
Osteopathies, chondropathies, and acquired musculo-skeletal deformities (730–739)	29	0.6	22	0.5	7	0.8
Spina bifida (741)	4	0.1	3	0.1	1	0.1
All other congenital anomalies of nervous system (740,742)	27	0.5	19	0.5	8	0.9
Congenital anomalies of heart (745–746)	89	1.8	71	1.7	18	2.0
Other congenital anomalies of circulatory system (747)	19	0.4	13	0.3	6	0.7
All other congenital anomalies (743–744,748–759)	92	1.8	72	1.7	20	2.3

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

Totals may include one or more deaths with race not stated.

**Rate per 10,000 live births.

TABLE IV (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1989

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Certain conditions originating in the perinatal period (760–779)	399	8.0	200	4.8	199	22.6
Immaturity (765)	87	1.7	35	0.8	52	5.9
Birth trauma (767)	9	0.2	5	0.1	4	0.5
Intrauterine hypoxia and birth asphyxia (768)	7	0.1	5	0.1	2	0.2
Respiratory distress syndrome (769)	61	1.2	41	1.0	20	2.3
All other conditions originating in the perinatal period (760–764,766,770–779)	235	4.7	114	2.8	121	13.8
Senility without mention of psychosis (797)	18	0.4	16	0.4	2	0.2
Symptoms, signs, and ill-defined conditions (780–796,798–799)	876	17.5	701	17.0	174	19.8
Railway accidents (E800–E807)	11	0.2	10	0.2	1	0.1
Motor vehicle traffic accident involving collision with another motor vehicle (E811–E812)	469	9.4	427	10.3	42	4.8
Motor vehicle traffic accident involving collision with other vehicle or object (E813,E815)	326	6.5	275	6.7	51	5.8
Motor vehicle traffic accident involving collision with pedestrian (E814)	84	1.7	66	1.6	18	2.0
Motor vehicle accident not involving collision on highway (E816–E818)	157	3.1	139	3.4	18	2.0
Motor vehicle traffic accidents of other and unspecified nature (E810,E819)	60	1.2	50	1.2	10	1.1
Motor vehicle nontraffic accidents (E820–E825)	42	0.8	39	0.9	3	0.3
Other road vehicle accidents (E826–E829)	6	0.1	5	0.1	1	0.1
Water transport accidents (E830–E838)	22	0.4	19	0.5	3	0.3
Air and space transport accidents (E840–E845)	20	0.4	19	0.5	-	-
Vehicle accidents not elsewhere classifiable (E846–E848)	1	0.0	-	-	1	0.1
Accidental poisoning by drugs, medicaments, and biologicals (E850–E858)	74	1.5	52	1.3	22	2.5
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860–E869)	21	0.4	18	0.4	3	0.3
Misadventures during surgical and medical care, abnormal reactions, and late complications (E870–E879)	41	0.8	31	0.8	10	1.1
Accidental falls (E880–E888)	283	5.6	259	6.3	24	2.7
Accidents caused by fire and flames (E890–E899)	144	2.9	107	2.6	37	4.2
Accidents due to natural and environmental factors (E900–E909)	42	0.8	34	0.8	8	0.9
Accidental drowning and submersion (E910)	85	1.7	62	1.5	23	2.6
Suffocation by food or other object (E911–E912)	90	1.8	70	1.7	20	2.3
Accident caused by firearm missile (E922)	77	1.5	58	1.4	19	2.2
All other accidents and late effects of accidental injury (E913–E921,E923–E929)	210	4.2	178	4.3	32	3.6
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930–E949)	12	0.2	11	0.3	1	0.1
Suicide and selfinflicted injury by firearms and explosives (E955)	506	10.1	468	11.3	38	4.3
All other suicides and selfinflicted injuries (E950–E954,E956–E959)	165	3.3	143	3.5	21	2.4
Assault by firearms and explosives (E965)	325	6.5	156	3.8	168	19.1
All other homicides and injuries purposely inflicted by other persons (E960–E964,E966–E969)	136	2.7	77	1.9	59	6.7
Legal intervention (E970–E978)	1	0.0	-	-	1	0.1
Injury by firearms and explosives, undetermined wheather accidentally or purposely inflicted (E985)	21	0.4	18	0.4	3	0.3
All other injuries undetermined whether accidentally or purposely inflicted (E980–E984,E986–E989)	32	0.6	25	0.6	7	0.8
Injury resulting from operations of war (E990–E999)	-	-	-	-	-	-

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

Totals may include one or more deaths with race not stated.

TABLE V-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	STATE						ANDERSON						BEDFORD					
	ALL RACES 5,011,194		WHITE 4,131,649		OTHER RACES 879,545		ALL RACES 71,279		WHITE 67,209		OTHER RACES 4,070		ALL RACES 29,627		WHITE 26,231		OTHER RACES 3,396	
ESTIMATED POPULATION	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	73137	14.6	54504	13.2	18620	21.2	838	11.8	778	11.6	60	14.7	418	14.1	368	14.0	50	14.7
ILLEGITIMATE BIRTHS	21268	29.1	8794	16.1	12470	67.0	179	21.4	144	18.5	35	58.3	107	25.6	74	20.1	33	66.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	6024	8.2	3546	6.5	2477	13.3	58	6.9	55	7.1	3	5.0	35	8.4	31	8.4	4	8.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	789	10.8	459	8.4	330	17.7	6	7.2	4	5.1	2	33.3	2	4.8	2	5.4	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	500	6.8	279	5.1	221	11.9	4	4.8	2	2.6	2	33.3	1	2.4	1	2.7	-	-
UNDER 7 DAYS OF AGE	417	5.7	235	4.3	182	9.8	4	4.8	2	2.6	2	33.3	1	2.4	1	2.7	-	-
7-27 DAYS OF AGE	83	1.1	44	0.8	39	2.1	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	421	5.8	288	5.3	132	7.1	3	3.6	2	2.6	1	16.7	5	12.0	4	10.9	1	20.0
INDUCED ABORTIONS	18183	248.6	11486	208.6	6660	368.7	203	242.2	180	229.3	22	415.1	29	69.4	24	64.2	5	113.6
TOTAL DEATHS	45362	9.1	37575	9.1	7782	8.8	615	8.6	595	8.9	20	4.9	290	9.8	265	10.1	25	7.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	296	5.9	203	4.9	93	10.6	3	4.2	3	4.5	-	-	1	3.4	1	3.8	-	-
MALIGNANT NEOPLASMS (140-208)	10181	203.2	8499	205.7	1682	191.2	158	221.7	152	226.2	6	-	67	226.1	61	232.5	6	-
DIABETES MELLITUS (250)	915	18.3	679	16.4	235	26.7	14	19.6	14	20.8	-	-	7	23.6	5	19.1	2	-
DISEASES OF HEART (390-398,402,404-429)	15364	306.6	12936	313.1	2428	276.1	152	213.2	144	214.3	8	-	96	324.0	86	327.9	10	-
CEREBROVASCULAR DISEASE (430-438)	3598	71.8	2927	70.8	671	76.3	43	60.3	42	62.5	1	-	44	148.5	41	156.3	3	-
ATHEROSCLEROSIS (440)	419	8.4	371	9.0	48	5.5	18	25.3	18	26.8	-	-	1	3.4	1	3.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	1509	30.1	1280	31.0	229	26.0	24	33.7	23	34.2	1	-	4	13.5	4	15.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	1780	35.5	1605	38.8	175	19.9	25	35.1	25	37.2	-	-	5	16.9	5	19.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	425	8.5	356	8.6	69	7.8	3	4.2	3	4.5	-	-	1	3.4	1	3.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	387	7.7	291	7.0	96	10.9	3	4.2	3	4.5	-	-	2	6.8	2	7.6	-	-
CONGENITAL ANOMALIES (740-759)	231	4.6	178	4.3	53	6.0	4	5.6	4	6.0	-	-	4	13.5	4	15.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	399	8.0	200	4.8	199	22.6	4	5.6	2	3.0	2	-	1	3.4	1	3.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	894	17.8	717	17.4	176	20.0	41	57.5	41	61.0	-	-	2	6.8	2	7.6	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2277	45.4	1929	46.7	347	39.5	32	44.9	32	47.6	-	-	10	33.8	10	38.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1138	22.7	996	24.1	142	16.1	22	30.9	22	32.7	-	-	7	23.6	7	26.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1139	22.7	933	22.6	205	23.3	10	14.0	10	14.9	-	-	3	10.1	3	11.4	-	-
SUICIDE (E950-E959)	671	13.4	611	14.8	59	6.7	10	14.0	9	13.4	1	-	5	16.9	5	19.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	462	9.2	233	5.6	228	25.9	2	2.8	1	1.5	1	-	1	3.4	1	3.8	-	-
ALL OTHER CAUSES	5554	110.8	4560	110.4	994	113.0	79	110.8	79	117.5	-	-	39	131.6	35	133.4	4	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	BENTON						BLEDSOE						BLOUNT					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	15,912		15,497		415		10,482		10,141		341		84,436		81,192		3,244	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	161	10.1	152	9.8	9	21.7	130	12.4	129	12.7	1	2.9	1092	12.9	1040	12.8	52	16.0
ILLEGITIMATE BIRTHS	33	20.5	25	16.4	8	-	21	16.2	20	15.5	1	-	194	17.8	165	15.9	29	55.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	14	8.7	13	8.6	1	-	12	9.2	12	9.3	-	-	68	6.2	61	5.9	7	13.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	6.2	-	-	1	-	3	23.1	3	23.3	-	-	5	4.6	5	4.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	3	23.1	3	23.3	-	-	4	3.7	4	3.8	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	15.4	2	15.5	-	-	3	2.7	3	2.9	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	7.7	1	7.8	-	-	1	0.9	1	1.0	-	-
FETAL DEATHS	2	12.4	2	13.2	-	-	2	15.4	2	15.5	-	-	3	2.7	3	2.9	-	-
INDUCED ABORTIONS	17	105.6	13	85.5	4	-	9	69.2	9	69.8	-	-	273	250.0	251	239.5	22	500.0
TOTAL DEATHS	194	12.2	185	11.9	9	21.7	120	11.4	118	11.6	2	5.9	723	8.6	683	8.4	39	12.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	7	8.3	7	8.6	-	-
MALIGNANT NEOPLASMS (140-208)	34	213.7	34	219.4	-	-	19	181.3	19	187.4	-	-	194	229.8	185	227.9	9	-
DIABETES MELLITUS (250)	2	12.6	2	12.9	-	-	5	47.7	5	49.3	-	-	10	11.8	10	12.3	-	-
DISEASES OF HEART (390-398,402,404-429)	78	490.2	76	490.4	2	-	46	438.8	46	453.6	-	-	225	266.5	216	266.0	9	-
CEREBROVASCULAR DISEASE (430-438)	20	125.7	18	116.2	2	-	7	66.8	7	69.0	-	-	58	68.7	54	66.5	4	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	1	9.5	1	9.9	-	-	9	10.7	8	9.9	1	-
PNEUMONIA AND INFLUENZA (480-487)	10	62.8	10	64.5	-	-	3	28.6	3	29.6	-	-	30	35.5	28	34.5	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9	56.6	9	58.1	-	-	4	38.2	4	39.4	-	-	17	20.1	17	20.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	12.6	2	12.9	-	-	2	19.1	2	19.7	-	-	2	2.4	2	2.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	18.9	3	19.4	-	-	-	-	-	-	-	-	6	7.1	5	6.2	1	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	3	28.6	3	29.6	-	-	1	1.2	1	1.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	3	3.6	3	3.7	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	25.1	3	19.4	1	-	-	-	-	-	-	-	21	24.9	18	22.2	3	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	62.8	8	51.6	2	-	15	143.1	15	147.9	-	-	32	37.9	31	38.2	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	5	31.4	4	25.8	1	-	6	57.2	6	59.2	-	-	15	17.8	14	17.2	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	31.4	4	25.8	1	-	9	85.9	9	88.7	-	-	17	20.1	17	20.9	-	-
SUICIDE (E950-E959)	5	31.4	4	25.8	1	-	2	19.1	2	19.7	-	-	14	16.6	13	16.0	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	1	9.5	1	9.9	-	-	5	5.9	4	4.9	-	-
ALL OTHER CAUSES	17	106.8	16	103.2	1	-	12	114.5	10	98.6	2	-	89	105.4	81	99.8	8	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	BRADLEY						CAMPBELL						CANNON					
	ALL RACES 76,839		WHITE 73,234		OTHER RACES 3,605		ALL RACES 39,779		WHITE 39,453		OTHER RACES 326		ALL RACES 10,900		WHITE 10,677		OTHER RACES 223	
ESTIMATED POPULATION	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1005	13.1	950	13.0	55	15.3	496	12.5	493	12.5	3	9.2	135	12.4	134	12.6	1	4.5
ILLEGITIMATE BIRTHS	198	19.7	165	17.4	33	60.0	123	24.8	122	24.7	1	-	26	19.3	26	19.4	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	48	4.8	42	4.4	6	10.9	51	10.3	51	10.3	-	-	5	3.7	5	3.7	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	6	6.0	6	6.3	-	-	6	12.1	6	12.2	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	3.0	3	3.2	-	-	3	6.0	3	6.1	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	2	2.0	2	2.1	-	-	3	6.0	3	6.1	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	1.0	1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	8	8.0	6	6.3	2	36.4	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	201	200.0	188	196.7	13	265.3	59	119.0	59	119.4	-	-	16	118.5	15	111.9	1	-
TOTAL DEATHS	592	7.7	571	7.8	21	5.8	385	9.7	383	9.7	2	6.1	108	9.9	104	9.7	4	17.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	1.3	1	1.4	-	-	1	2.5	1	2.5	-	-	1	9.2	1	9.4	-	-
MALIGNANT NEOPLASMS (140-208)	124	161.4	122	166.6	2	-	92	231.3	91	230.7	1	-	29	266.1	28	262.2	1	-
DIABETES MELLITUS (250)	11	14.3	8	10.9	3	-	3	7.5	3	7.6	-	-	6	55.0	6	56.2	-	-
DISEASES OF HEART (390-398,402,404-429).........	201	261.6	194	264.9	7	-	133	334.3	133	337.1	-	-	36	330.3	35	327.8	1	-
CEREBROVASCULAR DISEASE (430-438)...............	50	65.1	49	66.9	1	-	25	62.8	25	63.4	-	-	12	110.1	11	103.0	1	-
ATHEROSCLEROSIS (440)	8	10.4	6	8.2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	21	27.3	21	28.7	-	-	23	57.8	23	58.3	-	-	3	27.5	3	28.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)..............	30	39.0	30	41.0	-	-	23	57.8	23	58.3	-	-	7	64.2	6	56.2	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	3.9	3	4.1	-	-	6	15.1	6	15.2	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	5.2	4	5.5	-	-	6	15.1	6	15.2	-	-	3	27.5	3	28.1	-	-
CONGENITAL ANOMALIES (740-759)	1	1.3	1	1.4	-	-	2	5.0	2	5.1	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	3.9	3	4.1	-	-	4	10.1	4	10.1	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	17	22.1	17	23.2	-	-	6	15.1	6	15.2	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	31	40.3	30	41.0	1	-	19	47.8	19	48.2	-	-	3	27.5	3	28.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	21	27.3	21	28.7	-	-	7	17.6	7	17.7	-	-	3	27.5	3	28.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10	13.0	9	12.3	1	-	12	30.2	12	30.4	-	-	-	-	-	-	-	-
SUICIDE (E950-E959)	9	11.7	9	12.3	-	-	6	15.1	6	15.2	-	-	4	36.7	4	37.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	3	3.9	3	4.1	-	-	1	2.5	1	2.5	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	75	97.6	70	95.6	5	-	35	88.0	34	86.2	1	-	4	36.7	4	37.5	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	CARROLL						CARTER						CHEATHAM					
ESTIMATED POPULATION	ALL RACES 29,534		WHITE 25,989		OTHER RACES 3,545		ALL RACES 53,267		WHITE 52,648		OTHER RACES 619		ALL RACES 26,796		WHITE 26,158		OTHER RACES 638	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	356	12.1	295	11.4	61	17.2	549	10.3	538	10.2	11	17.8	408	15.2	400	15.3	8	12.5
ILLEGITIMATE BIRTHS	79	22.2	48	16.3	31	50.8	101	18.4	95	17.7	6	54.5	50	12.3	49	12.2	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	29	8.1	21	7.1	8	13.1	33	6.0	33	6.1	-	-	23	5.6	23	5.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	5.6	1	3.4	1	16.4	5	9.1	5	9.3	-	-	3	7.4	3	7.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.8	-	-	1	16.4	3	5.5	3	5.6	-	-	2	4.9	2	5.0	-	-
UNDER 7 DAYS OF AGE	1	2.8	-	-	1	16.4	3	5.5	3	5.6	-	-	1	2.5	1	2.5	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	2.5	1	2.5	-	-
FETAL DEATHS	1	2.8	1	3.4	-	-	7	12.8	7	13.0	-	-	4	9.8	4	10.0	-	-
INDUCED ABORTIONS	77	216.3	59	199.3	18	300.0	47	85.6	46	85.0	1	-	42	102.9	40	99.3	2	-
TOTAL DEATHS	376	12.7	339	13.0	37	10.4	447	8.4	440	8.4	7	11.3	184	6.9	180	6.9	4	6.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	3.4	1	3.8	-	-	2	3.8	2	3.8	-	-	1	3.7	1	3.8	-	-
MALIGNANT NEOPLASMS (140-208)	67	226.9	62	238.6	5	-	95	178.3	94	178.5	1	-	41	153.0	40	152.9	1	-
DIABETES MELLITUS (250)	3	10.2	2	7.7	1	-	13	24.4	12	22.8	1	-	7	26.1	7	26.8	-	-
DISEASES OF HEART (390-398,402,404-429)	173	585.8	161	619.5	12	-	172	322.9	171	324.8	1	-	64	238.8	62	237.0	2	-
CEREBROVASCULAR DISEASE (430-438)	34	115.1	26	100.0	8	-	26	48.8	26	49.4	-	-	18	67.2	17	65.0	1	-
ATHEROSCLEROSIS (440)	2	6.8	2	7.7	-	-	2	3.8	2	3.8	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	6	20.3	5	19.2	1	-	10	18.8	10	19.0	-	-	1	3.7	1	3.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	16	54.2	15	57.7	1	-	14	26.3	14	26.6	-	-	10	37.3	10	38.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	5.6	3	5.7	-	-	3	11.2	3	11.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	6.8	2	7.7	-	-	3	5.6	3	5.7	-	-	1	3.7	1	3.8	-	-
CONGENITAL ANOMALIES (740-759)	1	3.4	-	-	1	-	3	5.6	3	5.7	-	-	3	11.2	3	11.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.4	-	-	1	-	3	5.6	3	5.7	-	-	1	3.7	1	3.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	3.4	1	3.8	-	-	3	5.6	3	5.7	-	-	1	3.7	1	3.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	19	64.3	15	57.7	4	-	20	37.5	20	38.0	-	-	12	44.8	12	45.9	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	13	44.0	10	38.5	3	-	14	26.3	14	26.6	-	-	6	22.4	6	22.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	20.3	5	19.2	1	-	6	11.3	6	11.4	-	-	6	22.4	6	22.9	-	-
SUICIDE (E950-E959)	4	13.5	4	15.4	-	-	9	16.9	9	17.1	-	-	2	7.5	2	7.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.4	1	3.8	-	-	3	5.6	2	3.8	1	-	3	11.2	3	11.5	-	-
ALL OTHER CAUSES	45	152.4	42	161.6	3	-	66	123.9	63	119.7	3	-	16	59.7	16	61.2	-	-

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TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	CHESTER						CLAIBORNE						CLAY					
ESTIMATED POPULATION	ALL RACES 14,057		WHITE 12,548		OTHER RACES 1,509		ALL RACES 27,179		WHITE 26,756		OTHER RACES 423		ALL RACES 7,984		WHITE 7,854		OTHER RACES 130	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	157	11.2	137	10.9	20	13.3	329	12.1	325	12.1	4	9.5	78	9.8	74	9.4	4	30.8
ILLEGITIMATE BIRTHS	33	21.0	19	13.9	14	70.0	62	18.8	61	18.8	1	-	13	16.7	12	16.2	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	17	10.8	14	10.2	3	15.0	24	7.3	24	7.4	-	-	5	6.4	4	5.4	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	12.7	2	14.6	-	-	2	6.1	2	6.2	-	-	2	25.6	2	27.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	6.4	1	7.3	-	-	1	3.0	1	3.1	-	-	1	12.8	1	13.5	-	-
UNDER 7 DAYS OF AGE	1	6.4	1	7.3	-	-	-	-	-	-	-	-	1	12.8	1	13.5	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	3.0	1	3.1	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	1	3.0	1	3.1	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	20	127.4	17	122.3	3	166.7	49	148.9	48	147.2	1	-	5	64.1	5	64.9	-	-
TOTAL DEATHS	127	9.0	118	9.4	9	6.0	260	9.6	258	9.6	2	4.7	93	11.6	88	11.2	5	38.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	3.7	1	3.7	-	-	1	12.5	1	12.7	-	-
MALIGNANT NEOPLASMS (140-208)	27	192.1	26	207.2	1	-	60	220.8	59	220.5	1	-	18	225.5	16	203.7	2	-
DIABETES MELLITUS (250)	5	35.6	4	31.9	1	-	4	14.7	4	14.9	-	-	5	62.6	4	50.9	1	-
DISEASES OF HEART (390-398,402,404-429)	40	284.6	39	310.8	1	-	88	323.8	87	325.2	1	-	34	425.9	33	420.2	1	-
CEREBROVASCULAR DISEASE (430-438)	14	99.6	12	95.6	2	-	13	47.8	13	48.6	-	-	6	75.2	5	63.7	1	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	4	14.7	4	14.9	-	-	5	62.6	5	63.7	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	21.3	3	23.9	-	-	14	51.5	14	52.3	-	-	3	37.6	3	38.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6	42.7	5	39.8	1	-	7	25.8	7	26.2	-	-	1	12.5	1	12.7	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	4	14.7	4	14.9	-	-	1	12.5	1	12.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	4	14.7	4	14.9	-	-	1	12.5	1	12.7	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	2	7.4	2	7.5	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	7.1	1	8.0	-	-	-	-	-	-	-	-	1	12.5	1	12.7	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	14.2	2	15.9	-	-	1	3.7	1	3.7	-	-	1	12.5	1	12.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	42.7	6	47.8	-	-	20	73.6	20	74.7	-	-	6	75.2	6	76.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	2	14.2	2	15.9	-	-	12	44.2	12	44.8	-	-	4	50.1	4	50.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	28.5	4	31.9	-	-	8	29.4	8	29.9	-	-	2	25.1	2	25.5	-	-
SUICIDE (E950-E959)	2	14.2	2	15.9	-	-	5	18.4	5	18.7	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	14.2	1	8.0	1	-	3	11.0	3	11.2	-	-	1	12.5	1	12.7	-	-
ALL OTHER CAUSES	19	135.2	17	135.5	2	-	30	110.4	30	112.1	-	-	9	112.7	9	114.6	-	-

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TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	COCKE						COFFEE						CROCKETT					
ESTIMATED POPULATION	ALL RACES 30,257		WHITE 29,533		OTHER RACES 724		ALL RACES 41,529		WHITE 39,686		OTHER RACES 1,843		ALL RACES 15,337		WHITE 12,210		OTHER RACES 3,127	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	354	11.7	340	11.5	14	19.3	614	14.8	576	14.5	38	20.6	196	12.8	136	11.1	60	19.2
ILLEGITIMATE BIRTHS	110	31.1	98	28.8	12	85.7	126	20.5	103	17.9	23	60.5	58	29.6	21	15.4	37	61.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35	9.9	31	9.1	4	28.6	42	6.8	36	6.2	6	15.8	18	9.2	9	6.6	9	15.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	11.3	3	8.8	1	71.4	6	9.8	5	8.7	1	26.3	1	5.1	1	7.4	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	8.5	2	5.9	1	71.4	2	3.3	2	3.5	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	2.8	1	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	2	5.6	1	2.9	1	71.4	2	3.3	2	3.5	-	-	-	-	-	-	-	-
FETAL DEATHS	4	11.3	4	11.8	-	-	4	6.5	4	6.9	-	-	1	5.1	-	-	1	16.7
INDUCED ABORTIONS	78	220.3	72	209.9	6	545.5	83	135.2	81	138.7	2	66.7	25	127.6	21	152.2	4	69.0
TOTAL DEATHS	310	10.2	303	10.3	7	9.7	409	9.8	389	9.8	20	10.9	179	11.7	153	12.5	26	8.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	6.6	2	6.8	-	-	5	12.0	4	10.1	1	-	3	19.6	2	16.4	1	-
MALIGNANT NEOPLASMS (140-208)	58	191.7	58	196.4	-	-	91	219.1	89	224.3	2	-	37	241.2	33	270.3	4	-
DIABETES MELLITUS (250)	5	16.5	5	16.9	-	-	14	33.7	12	30.2	2	-	5	32.6	4	32.8	1	-
DISEASES OF HEART (390-398,402,404-429)	125	413.1	121	409.7	4	-	146	351.6	137	345.2	9	-	69	449.9	56	458.6	13	-
CEREBROVASCULAR DISEASE (430-438)	34	112.4	32	108.4	2	-	35	84.3	35	88.2	-	-	16	104.3	16	131.0	-	-
ATHEROSCLEROSIS (440)	3	9.9	3	10.2	-	-	6	14.4	6	15.1	-	-	6	39.1	5	41.0	1	-
PNEUMONIA AND INFLUENZA (480-487)	11	36.4	11	37.2	-	-	15	36.1	14	35.3	1	-	5	32.6	5	41.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	17	56.2	17	57.6	-	-	19	45.8	19	47.9	-	-	3	19.6	3	24.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	3.3	1	3.4	-	-	6	14.4	6	15.1	-	-	1	6.5	1	8.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	6.6	2	6.8	-	-	2	4.8	2	5.0	-	-	1	6.5	-	-	1	-
CONGENITAL ANOMALIES (740-759)	2	6.6	1	3.4	1	-	-	-	-	-	-	-	1	6.5	1	8.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.3	1	3.4	-	-	2	4.8	1	2.5	1	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6	19.8	6	20.3	-	-	6	14.4	6	15.1	-	-	2	13.0	2	16.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14	46.3	14	47.4	-	-	17	40.9	15	37.8	2	-	9	58.7	8	65.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	33.1	10	33.9	-	-	6	14.4	5	12.6	1	-	3	19.6	3	24.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	13.2	4	13.5	-	-	11	26.5	10	25.2	1	-	6	39.1	5	41.0	1	-
SUICIDE (E950-E959)	2	6.6	2	6.8	-	-	5	12.0	5	12.6	-	-	2	13.0	2	16.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	16.5	5	16.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	22	72.7	22	74.5	-	-	40	96.3	38	95.8	2	-	19	123.9	15	122.9	4	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	CUMBERLAND						DAVIDSON						DECATUR					
ESTIMATED POPULATION	ALL RACES 32,332		[illegible]ITE [illegible]332		OTHER RACES 0		ALL RACES 505,095		WHITE 376,318		OTHER RACES 128,777		ALL RACES 11,462		WHITE 10,932		OTHER RACES 530	
	NO.	RATE	[illegible]	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	478	14.8	475	14.7	3	-	8740	17.3	5874	15.6	2861	22.2	128	11.2	125	11.4	3	5.7
ILLEGITIMATE BIRTHS	82	17.2	81	17.1	1	-	2895	33.1	1042	17.7	1852	64.7	23	18.0	22	17.6	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	32	6.7	31	6.5	1	-	768	8.8	384	6.5	384	13.4	5	3.9	5	4.0	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8	16.7	8	16.8	-	-	91	10.4	45	7.7	46	16.1	1	7.8	1	8.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	6	12.6	6	12.6	-	-	51	5.8	27	4.6	24	8.4	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	6	12.6	6	12.6	-	-	45	5.1	24	4.1	21	7.3	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	6	0.7	3	0.5	3	1.0	-	-	-	-	-	-
FETAL DEATHS	5	10.5	5	10.5	-	-	48	5.5	30	5.1	18	6.3	-	-	-	-	-	-
INDUCED ABORTIONS	75	156.9	75	157.6	-	-	2030	232.3	1291	215.9	734	266.6	21	164.1	20	160.0	1	-
TOTAL DEATHS	319	9.9	319	9.9	-	-	4554	9.0	3465	9.2	1089	8.5	136	11.9	128	11.7	8	15.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	19	3.8	11	2.9	8	6.2	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	82	253.6	82	253.6	-	-	1071	212.0	813	216.0	258	200.3	32	279.2	30	274.4	2	-
DIABETES MELLITUS (250)	3	9.3	3	9.3	-	-	101	20.0	56	14.9	45	34.9	3	26.2	3	27.4	-	-
DISEASES OF HEART (390-398,402,404-429)	94	290.7	94	290.7	-	-	1533	303.5	1202	319.4	331	257.0	41	357.7	39	356.8	2	-
CEREBROVASCULAR DISEASE (430-438)	32	99.0	32	99.0	-	-	329	65.1	257	68.3	72	55.9	11	96.0	8	73.2	3	-
ATHEROSCLEROSIS (440)	6	18.6	6	18.6	-	-	23	4.6	21	5.6	2	1.6	1	8.7	1	9.1	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	24.7	8	24.7	-	-	163	32.3	132	35.1	31	24.1	10	87.2	10	91.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	17	52.6	17	52.6	-	-	181	35.8	144	38.3	37	28.7	3	26.2	3	27.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	21.7	7	21.7	-	-	47	9.3	31	8.2	16	12.4	1	8.7	1	9.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	15.5	5	15.5	-	-	40	7.9	26	6.9	14	10.9	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	3	9.3	3	9.3	-	-	22	4.4	14	3.7	8	6.2	1	8.7	1	9.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	9.3	3	9.3	-	-	44	8.7	21	5.6	23	17.9	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6	18.6	6	18.6	-	-	33	6.5	22	5.8	11	8.5	2	17.4	2	18.3	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14	43.3	14	43.3	-	-	213	42.2	166	44.1	47	36.5	12	104.7	12	109.8	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	18.6	6	18.6	-	-	100	19.8	78	20.7	22	17.1	6	52.3	6	54.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	24.7	8	24.7	-	-	113	22.4	88	23.4	25	19.4	6	52.3	6	54.9	-	-
SUICIDE (E950-E959)	9	27.8	9	27.8	-	-	65	12.9	57	15.1	8	6.2	4	34.9	4	36.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	72	14.3	37	9.8	35	27.2	1	8.7	1	9.1	-	-
ALL OTHER CAUSES	30	92.8	30	92.8	-	-	598	118.4	455	120.9	143	111.0	14	122.1	13	118.9	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	DEKALB					
ESTIMATED POPULATION	ALL RACES 14,711 NO.	RATE	WHITE 14,376 NO.	RATE	OTHER RACES 335 NO.	RATE
LIVE BIRTHS	209	14.2	207	14.4	2	6.0
ILLEGITIMATE BIRTHS	36	17.2	36	17.4	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	12	5.7	12	5.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	9.6	2	9.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	9.6	2	9.7	-	-
UNDER 7 DAYS OF AGE	2	9.6	2	9.7	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-
FETAL DEATHS	1	4.8	1	4.8	-	-
INDUCED ABORTIONS	14	67.0	14	67.6	-	-
TOTAL DEATHS	183	12.4	178	12.4	5	14.9
CAUSE OF DEATH						
SEPTICEMIA (038)	1	6.8	1	7.0	-	-
MALIGNANT NEOPLASMS (140-208)	33	224.3	32	222.6	1	-
DIABETES MELLITUS (250)	3	20.4	3	20.9	-	-
DISEASES OF HEART (390-398,402,404-429)	75	509.8	72	500.8	3	-
CEREBROVASCULAR DISEASE (430-438)	10	68.0	10	69.6	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	7	47.6	7	48.7	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9	61.2	9	62.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	6.8	-	-	1	-
CONGENITAL ANOMALIES (740-759)	2	13.6	2	13.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	6.8	1	7.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	15	102.0	15	104.3	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	54.4	8	55.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	47.6	7	48.7	-	-
SUICIDE (E950-E959)	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	13.6	2	13.9	-	-
ALL OTHER CAUSES	24	163.1	24	166.9	-	-

	DICKSON					
ESTIMATED POPULATION	ALL RACES 34,299 NO.	RATE	WHITE 32,353 NO.	RATE	OTHER RACES 1,946 NO.	RATE
LIVE BIRTHS	554	16.2	505	15.6	49	25.2
ILLEGITIMATE BIRTHS	121	21.8	89	17.6	32	65.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	53	9.6	49	9.7	4	8.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7	12.6	7	13.9	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	5.4	3	5.9	-	-
UNDER 7 DAYS OF AGE	1	1.8	1	2.0	-	-
7-27 DAYS OF AGE	2	3.6	2	4.0	-	-
FETAL DEATHS	3	5.4	3	5.9	-	-
INDUCED ABORTIONS	52	93.9	50	97.7	2	47.6
TOTAL DEATHS	345	10.1	330	10.2	14	7.2
CAUSE OF DEATH						
SEPTICEMIA (038)	2	5.8	2	6.2	-	-
MALIGNANT NEOPLASMS (140-208)	74	215.7	71	219.5	3	-
DIABETES MELLITUS (250)	8	23.3	8	24.7	-	-
DISEASES OF HEART (390-398,402,404-429)	120	349.9	115	355.5	5	-
CEREBROVASCULAR DISEASE (430-438)	31	90.4	29	89.6	2	-
ATHEROSCLEROSIS (440)	3	8.7	3	9.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	9	26.2	9	27.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12	35.0	11	34.0	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	5.8	2	6.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	5.8	2	6.2	-	-
CONGENITAL ANOMALIES (740-759)	4	11.7	4	12.4	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8	23.3	8	24.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14	40.8	11	34.0	3	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	17.5	6	18.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	23.3	5	15.5	3	-
SUICIDE (E950-E959)	8	23.3	7	21.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	8.7	3	9.3	-	-
ALL OTHER CAUSES	45	131.2	45	139.1	-	-

	DYER					
ESTIMATED POPULATION	ALL RACES 37,103 NO.	RATE	WHITE 32,480 NO.	RATE	OTHER RACES 4,623 NO.	RATE
LIVE BIRTHS	539	14.5	439	13.5	99	21.4
ILLEGITIMATE BIRTHS	156	28.9	93	21.2	63	63.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	44	8.2	32	7.3	12	12.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7	13.0	4	9.1	3	30.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	5.6	2	4.6	1	10.1
UNDER 7 DAYS OF AGE	2	3.7	1	2.3	1	10.1
7-27 DAYS OF AGE	1	1.9	1	2.3	-	-
FETAL DEATHS	1	1.9	-	-	1	10.1
INDUCED ABORTIONS	102	189.2	87	195.5	15	161.3
TOTAL DEATHS	408	11.0	357	11.0	51	11.0
CAUSE OF DEATH						
SEPTICEMIA (038)	1	2.7	-	-	1	-
MALIGNANT NEOPLASMS (140-208)	86	231.8	77	237.1	9	-
DIABETES MELLITUS (250)	6	16.2	6	18.5	-	-
DISEASES OF HEART (390-398,402,404-429)	134	361.2	118	363.3	16	-
CEREBROVASCULAR DISEASE (430-438)	25	67.4	21	64.7	4	-
ATHEROSCLEROSIS (440)	2	5.4	2	6.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	15	40.4	15	46.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	15	40.4	13	40.0	2	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	8.1	2	6.2	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	18.9	6	18.5	1	-
CONGENITAL ANOMALIES (740-759)	4	10.8	4	12.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	8.1	2	6.2	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	23	62.0	14	43.1	9	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	25	67.4	24	73.9	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	14	37.7	14	43.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	29.6	10	30.8	1	-
SUICIDE (E950-E959)	3	8.1	3	9.2	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.7	-	-	1	-
ALL OTHER CAUSES	55	148.2	50	153.9	5	-

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TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	FAYETTE						FENTRESS						FRANKLIN					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	28,096		14,487		13,609		15,941		15,941		0		34,368		31,736		2,632	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	396	14.1	175	12.1	221	16.2	193	12.1	192	12.0	1	-	427	12.4	399	12.6	27	10.3
ILLEGITIMATE BIRTHS	166	41.9	24	13.7	142	64.3	34	17.6	34	17.7	-	-	72	16.9	63	15.8	9	33.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	36	9.1	14	8.0	22	10.0	8	4.1	8	4.2	-	-	24	5.6	21	5.3	3	11.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	6	15.2	2	11.4	4	18.1	3	15.5	3	15.6	-	-	4	9.4	4	10.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	10.1	2	11.4	2	9.0	3	15.5	3	15.6	-	-	4	9.4	4	10.0	-	-
UNDER 7 DAYS OF AGE	3	7.6	1	5.7	2	9.0	3	15.5	3	15.6	-	-	2	4.7	2	5.0	-	-
7-27 DAYS OF AGE	1	2.5	1	5.7	-	-	-	-	-	-	-	-	2	4.7	2	5.0	-	-
FETAL DEATHS	3	7.6	1	5.7	2	9.0	1	5.2	1	5.2	-	-	2	4.7	1	2.5	1	37.0
INDUCED ABORTIONS	80	202.0	28	158.2	52	237.4	13	67.4	12	62.5	1	-	69	161.6	59	146.4	10	434.8
TOTAL DEATHS	250	8.9	127	8.8	123	9.0	156	9.8	156	9.8	-	-	356	10.4	334	10.5	22	8.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	7.1	-	-	2	14.7	-	-	-	-	-	-	2	5.8	2	6.3	-	-
MALIGNANT NEOPLASMS (140-208)	50	178.0	31	214.0	19	139.6	29	181.9	29	181.9	-	-	81	235.7	76	239.5	5	-
DIABETES MELLITUS (250)	-	-	-	-	-	-	2	12.5	2	12.5	-	-	5	14.5	4	12.6	1	-
DISEASES OF HEART (390-398,402,404-429)	79	281.2	40	276.1	39	286.6	57	357.6	57	357.6	-	-	117	340.4	110	346.6	7	-
CEREBROVASCULAR DISEASE (430-438)	26	92.5	15	103.5	11	80.8	13	81.6	13	81.6	-	-	26	75.7	22	69.3	4	-
ATHEROSCLEROSIS (440)	1	3.6	1	6.9	-	-	6	37.6	6	37.6	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	14	49.8	5	34.5	9	66.1	6	37.6	6	37.6	-	-	13	37.8	13	41.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	17.8	2	13.8	3	22.0	7	43.9	7	43.9	-	-	14	40.7	14	44.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	3.6	1	6.9	-	-	2	12.5	2	12.5	-	-	6	17.5	6	18.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	10.7	3	20.7	-	-	2	12.5	2	12.5	-	-	5	14.5	4	12.6	1	-
CONGENITAL ANOMALIES (740-759)	2	7.1	2	13.8	-	-	1	6.3	1	6.3	-	-	1	2.9	1	3.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	7.1	-	-	2	14.7	2	12.5	2	12.5	-	-	3	8.7	3	9.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	23	81.9	7	48.3	16	117.6	1	6.3	1	6.3	-	-	5	14.5	5	15.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	16	56.9	7	48.3	9	66.1	8	50.2	8	50.2	-	-	17	49.5	15	47.3	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	11	39.2	6	41.4	5	36.7	2	12.5	2	12.5	-	-	7	20.4	7	22.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	17.8	1	6.9	4	29.4	6	37.6	6	37.6	-	-	10	29.1	8	25.2	2	-
SUICIDE (E950-E959)	3	10.7	2	13.8	1	7.3	3	18.8	3	18.8	-	-	6	17.5	6	18.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	7.1	1	6.9	1	7.3	-	-	-	-	-	-	2	5.8	2	6.3	-	-
ALL OTHER CAUSES	21	74.7	10	69.0	11	80.8	17	106.6	17	106.6	-	-	53	154.2	51	160.7	2	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	GIBSON						GILES						GRAINGER					
ESTIMATED POPULATION	ALL RACES 50,442		WHITE 39,967		OTHER RACES 10,475		ALL RACES 26,385		WHITE 22,669		OTHER RACES 3,716		ALL RACES 18,059		WHITE 17,918		OTHER RACES 141	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	628	12.4	409	10.2	219	20.9	336	12.7	267	11.8	69	18.6	230	12.7	229	12.8	1	7.1
ILLEGITIMATE BIRTHS	219	34.9	55	13.4	164	74.9	84	25.0	38	14.2	46	66.7	38	16.5	37	16.2	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	59	9.4	32	7.8	27	12.3	32	9.5	20	7.5	12	17.4	13	5.7	13	5.7	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9	14.3	5	12.2	4	18.3	7	20.8	5	18.7	2	29.0	4	17.4	4	17.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	8.0	2	4.9	3	13.7	4	11.9	2	7.5	2	29.0	2	8.7	2	8.7	-	-
UNDER 7 DAYS OF AGE	5	8.0	2	4.9	3	13.7	4	11.9	2	7.5	2	29.0	2	8.7	2	8.7	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	3	4.8	2	4.9	1	4.6	2	6.0	2	7.5	-	-	4	17.4	4	17.5	-	-
INDUCED ABORTIONS	90	143.3	65	158.5	25	114.7	41	122.0	32	119.4	9	132.4	27	117.4	23	100.4	4	-
TOTAL DEATHS	597	11.8	474	11.9	123	11.7	296	11.2	238	10.5	58	15.6	183	10.1	182	10.2	1	7.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	5.9	3	7.5	-	-	1	3.8	1	4.4	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	99	196.3	76	190.2	23	219.6	49	185.7	37	163.2	12	-	37	204.9	37	206.5	-	-
DIABETES MELLITUS (250)	11	21.8	8	20.0	3	28.6	5	19.0	4	17.6	1	-	1	5.5	1	5.6	-	-
DISEASES OF HEART (390-398,402,404-429)	224	444.1	187	467.9	37	353.2	91	344.9	79	348.5	12	-	51	282.4	50	279.0	1	-
CEREBROVASCULAR DISEASE (430-438)	66	130.8	48	120.1	18	171.8	20	75.8	16	70.6	4	-	19	105.2	19	106.0	-	-
ATHEROSCLEROSIS (440)	7	13.9	5	12.5	2	19.1	1	3.8	1	4.4	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	18	35.7	14	35.0	4	38.2	13	49.3	12	52.9	1	-	1	5.5	1	5.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	27	53.5	25	62.6	2	19.1	15	56.9	12	52.9	3	-	7	38.8	7	39.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	7.9	4	10.0	-	-	5	19.0	5	22.1	-	-	2	11.1	2	11.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	13.9	3	7.5	4	38.2	5	19.0	4	17.6	1	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	4	7.9	3	7.5	1	9.5	2	7.6	2	8.8	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	7.9	1	2.5	3	28.6	4	15.2	2	8.8	2	-	3	16.6	3	16.7	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6	11.9	5	12.5	1	9.5	3	11.4	3	13.2	-	-	18	99.7	18	100.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	28	55.5	24	60.0	4	38.2	32	121.3	22	97.0	10	-	8	44.3	8	44.6	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	18	35.7	16	40.0	2	19.1	14	53.1	10	44.1	4	-	4	22.1	4	22.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10	19.8	8	20.0	2	19.1	18	68.2	12	52.9	6	-	4	22.1	4	22.3	-	-
SUICIDE (E950-E959)	4	7.9	4	10.0	-	-	5	19.0	5	22.1	-	-	7	38.8	7	39.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	5.9	1	2.5	2	19.1	3	11.4	1	4.4	2	-	2	11.1	2	11.2	-	-
ALL OTHER CAUSES	82	162.6	63	157.6	19	181.4	42	159.2	32	141.2	10	-	27	149.5	27	150.7	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	GREENE						GRUNDY						HAMBLEN					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	57,699		55,690		2,009		15,540		15,540		0		54,409		51,554		2,855	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	681	11.8	652	11.7	29	14.4	190	12.2	190	12.2	-	-	690	12.7	627	12.2	63	22.1
ILLEGITIMATE BIRTHS	142	20.9	123	18.9	19	65.5	48	25.3	48	25.3	-	-	156	22.6	126	20.1	30	47.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	49	7.2	47	7.2	2	6.9	15	7.9	15	7.9	-	-	66	9.6	51	8.1	15	23.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8	11.7	7	10.7	1	34.5	-	-	-	-	-	-	9	13.0	6	9.6	3	47.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	7.3	5	7.7	-	-	-	-	-	-	-	-	8	11.6	6	9.6	2	31.7
UNDER 7 DAYS OF AGE	4	5.9	4	6.1	-	-	-	-	-	-	-	-	7	10.1	6	9.6	1	15.9
7-27 DAYS OF AGE	1	1.5	1	1.5	-	-	-	-	-	-	-	-	1	1.4	-	-	1	15.9
FETAL DEATHS	4	5.9	4	6.1	-	-	4	21.1	4	21.1	-	-	4	5.8	4	6.4	-	-
INDUCED ABORTIONS	133	195.3	128	194.8	4	166.7	14	73.7	14	73.7	-	-	160	231.9	151	235.9	9	180.0
TOTAL DEATHS	559	9.7	549	9.9	10	5.0	148	9.5	147	9.5	1	-	470	8.6	437	8.5	33	11.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	6.9	4	7.2	-	-	2	12.9	2	12.9	-	-	1	1.8	1	1.9	-	-
MALIGNANT NEOPLASMS (140-208)	122	211.4	117	210.1	5	-	32	205.9	32	205.9	-	-	96	176.4	88	170.7	8	-
DIABETES MELLITUS (250)	10	17.3	10	18.0	-	-	1	6.4	1	6.4	-	-	6	11.0	4	7.8	2	-
DISEASES OF HEART (390-398,402,404-429)	197	341.4	196	351.9	1	-	41	263.8	41	263.8	-	-	163	299.6	153	296.8	10	-
CEREBROVASCULAR DISEASE (430-438)	42	72.8	41	73.6	1	-	7	45.0	7	45.0	-	-	64	117.6	61	118.3	3	-
ATHEROSCLEROSIS (440)	6	10.4	6	10.8	-	-	-	-	-	-	-	-	4	7.4	3	5.8	1	-
PNEUMONIA AND INFLUENZA (480-487)	24	41.6	23	41.3	1	-	7	45.0	6	38.6	1	-	16	29.4	14	27.2	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	21	36.4	21	37.7	-	-	9	57.9	9	57.9	-	-	18	33.1	18	34.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	8	13.9	8	14.4	-	-	2	12.9	2	12.9	-	-	4	7.4	4	7.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	8.7	5	9.0	-	-	2	12.9	2	12.9	-	-	2	3.7	2	3.9	-	-
CONGENITAL ANOMALIES (740-759)	5	8.7	5	9.0	-	-	-	-	-	-	-	-	1	1.8	1	1.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	5.2	3	5.4	-	-	-	-	-	-	-	-	6	11.0	4	7.8	2	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	3.5	2	3.6	-	-	12	77.2	12	77.2	-	-	5	9.2	4	7.8	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	33	57.2	32	57.5	1	-	7	45.0	7	45.0	-	-	27	49.6	26	50.4	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	21	36.4	20	35.9	1	-	5	32.2	5	32.2	-	-	16	29.4	15	29.1	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	12	20.8	12	21.5	-	-	2	12.9	2	12.9	-	-	11	20.2	11	21.3	-	-
SUICIDE (E950-E959)	12	20.8	12	21.5	-	-	4	25.7	4	25.7	-	-	9	16.5	9	17.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	8.7	4	7.2	1	-	2	12.9	2	12.9	-	-	3	5.5	3	5.8	-	-
ALL OTHER CAUSES	60	104.0	60	107.7	-	-	20	128.7	20	128.7	-	-	45	82.7	42	81.5	3	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HAMILTON						HANCOCK						HARDEMAN					
ESTIMATED POPULATION	ALL RACES 310,224		WHITE 242,596		OTHER RACES 67,628		ALL RACES 7,077		WHITE 7,052		OTHER RACES 25		ALL RACES 25,680		WHITE 15,599		OTHER RACES 10,081	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	4461	14.4	3083	12.7	1377	20.4	71	10.0	70	9.9	1	40.0	376	14.6	174	11.2	202	20.0
ILLEGITIMATE BIRTHS	1521	34.1	515	16.7	1006	73.1	13	18.3	13	18.6	-	-	188	50.0	35	20.1	153	75.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	407	9.1	195	6.3	212	15.4	2	2.8	2	2.9	-	-	40	10.6	12	6.9	28	13.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	44	9.9	24	7.8	20	14.5	1	14.1	1	14.3	-	-	5	13.3	2	11.5	3	14.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	24	5.4	11	3.6	13	9.4	-	-	-	-	-	-	2	5.3	2	11.5	-	-
UNDER 7 DAYS OF AGE	19	4.3	10	3.2	9	6.5	-	-	-	-	-	-	2	5.3	2	11.5	-	-
7-27 DAYS OF AGE	5	1.1	1	0.3	4	2.9	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	23	5.2	15	4.9	8	5.8	1	14.1	1	14.3	-	-	2	5.3	-	-	2	9.9
INDUCED ABORTIONS	1299	291.2	860	274.9	435	326.6	4	56.3	4	56.3	-	-	58	154.3	34	192.1	24	120.6
TOTAL DEATHS	2818	9.1	2162	8.9	655	9.7	61	8.6	61	8.7	-	-	276	10.7	187	12.0	89	8.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	22	7.1	17	7.0	5	7.4	-	-	-	-	-	-	1	3.9	-	-	1	9.9
MALIGNANT NEOPLASMS (140-208)	599	193.1	471	194.1	128	189.3	11	155.4	11	156.0	-	-	56	218.1	40	256.4	16	158.7
DIABETES MELLITUS (250)	66	21.3	38	15.7	28	41.4	1	14.1	1	14.2	-	-	5	19.5	3	19.2	2	19.8
DISEASES OF HEART (390-398,402,404-429)	1047	337.5	806	332.2	241	356.4	27	381.5	27	382.9	-	-	94	366.0	67	429.5	27	267.8
CEREBROVASCULAR DISEASE (430-438)	181	58.3	132	54.4	49	72.5	8	113.0	8	113.4	-	-	21	81.8	11	70.5	10	99.2
ATHEROSCLEROSIS (440)	23	7.4	18	7.4	5	7.4	-	-	-	-	-	-	3	11.7	3	19.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	112	36.1	92	37.9	20	29.6	-	-	-	-	-	-	9	35.0	7	44.9	2	19.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	117	37.7	100	41.2	17	25.1	2	28.3	2	28.4	-	-	10	38.9	10	64.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	32	10.3	30	12.4	2	3.0	-	-	-	-	-	-	3	11.7	3	19.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	26	8.4	15	6.2	11	16.3	1	14.1	1	14.2	-	-	3	11.7	2	12.8	1	9.9
CONGENITAL ANOMALIES (740-759)	14	4.5	12	4.9	2	3.0	-	-	-	-	-	-	1	3.9	1	6.4	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	20	6.4	10	4.1	10	14.8	-	-	-	-	-	-	1	3.9	1	6.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	20	6.4	11	4.5	8	11.8	1	14.1	1	14.2	-	-	8	31.2	5	32.1	3	29.8
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	126	40.6	93	38.3	33	48.8	8	113.0	8	113.4	-	-	23	89.6	11	70.5	12	119.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	60	19.3	47	19.4	13	19.2	2	28.3	2	28.4	-	-	8	31.2	4	25.6	4	39.7
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	66	21.3	46	19.0	20	29.6	6	84.8	6	85.1	-	-	15	58.4	7	44.9	8	79.4
SUICIDE (E950-E959)	45	14.5	43	17.7	2	3.0	-	-	-	-	-	-	5	19.5	5	32.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	18	5.8	7	2.9	11	16.3	-	-	-	-	-	-	3	11.7	2	12.8	1	9.9
ALL OTHER CAUSES	350	112.8	267	110.1	83	122.7	2	28.3	2	28.4	-	-	30	116.8	16	102.6	14	138.9

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HARDIN						HAWKINS						HAYWOOD					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	24,183		23,104		1,079		48,527		47,544		983		21,994		10,402		11,592	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	300	12.4	277	12.0	23	21.3	547	11.3	534	11.2	13	13.2	274	12.5	99	9.5	175	15.1
ILLEGITIMATE BIRTHS	64	21.3	49	17.7	15	65.2	81	14.8	73	13.7	8	61.5	140	51.1	14	14.1	126	72.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20	6.7	17	6.1	3	13.0	53	9.7	52	9.7	1	7.7	26	9.5	6	6.1	20	11.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	16.7	4	14.4	1	43.5	6	11.0	6	11.2	-	-	6	21.9	2	20.2	4	22.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.3	-	-	1	43.5	5	9.1	5	9.4	-	-	6	21.9	2	20.2	4	22.9
UNDER 7 DAYS OF AGE	1	3.3	-	-	1	43.5	4	7.3	4	7.5	-	-	5	18.2	1	10.1	4	22.9
7-27 DAYS OF AGE	-	-	-	-	-	-	1	1.8	1	1.9	-	-	1	3.6	1	10.1	-	-
FETAL DEATHS	2	6.7	2	7.2	-	-	2	3.7	2	3.7	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	29	96.7	27	97.5	2	87.0	77	140.8	76	141.5	1	100.0	81	295.6	32	320.0	49	281.6
TOTAL DEATHS	249	10.3	234	10.1	15	13.9	464	9.6	447	9.4	17	17.3	212	9.6	117	11.2	95	8.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.1	1	4.3	-	-	2	4.1	2	4.2	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	50	206.8	44	190.4	6	-	93	191.6	89	187.2	4	-	46	209.1	32	307.6	14	120.8
DIABETES MELLITUS (250)	3	12.4	2	8.7	1	-	18	37.1	17	35.8	1	-	3	13.6	2	19.2	1	8.6
DISEASES OF HEART (390-398,402,404-429)	94	388.7	90	389.5	4	-	186	383.3	180	378.6	6	-	92	418.3	45	432.6	47	405.5
CEREBROVASCULAR DISEASE (430-438)	26	107.5	25	108.2	1	-	28	57.7	27	56.8	1	-	14	63.7	4	38.5	10	86.3
ATHEROSCLEROSIS (440)	3	12.4	3	13.0	-	-	1	2.1	1	2.1	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	41.4	10	43.3	-	-	14	28.8	14	29.4	-	-	5	22.7	3	28.8	2	17.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6	24.8	6	26.0	-	-	18	37.1	17	35.8	1	-	10	45.5	7	67.3	3	25.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	12.4	3	13.0	-	-	8	16.5	8	16.8	-	-	1	4.5	1	9.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	12.4	3	13.0	-	-	4	8.2	3	6.3	1	-	1	4.5	-	-	1	8.6
CONGENITAL ANOMALIES (740-759)	3	12.4	2	8.7	1	-	1	2.1	1	2.1	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	4.1	1	4.3	-	-	4	8.2	4	8.4	-	-	6	27.3	2	19.2	4	34.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	8.3	2	8.7	-	-	1	2.1	1	2.1	-	-	1	4.5	1	9.6	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17	70.3	16	69.3	1	-	33	68.0	32	67.3	1	-	11	50.0	5	48.1	6	51.8
MOTOR VEHICLE ACCIDENTS (E810-E825)	11	45.5	11	47.6	-	-	16	33.0	16	33.7	-	-	7	31.8	4	38.5	3	25.9
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	24.8	5	21.6	1	-	17	35.0	16	33.7	1	-	4	18.2	1	9.6	3	25.9
SUICIDE (E950-E959)	2	8.3	2	8.7	-	-	5	10.3	5	10.5	-	-	3	13.6	2	19.2	1	8.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	3	6.2	3	6.3	-	-	1	4.5	1	9.6	-	-
ALL OTHER CAUSES	25	103.4	24	103.9	1	-	45	92.7	43	90.4	2	-	18	81.8	12	115.4	6	51.8

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HENDERSON						HENRY						HICKMAN					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	23,469		21,388		2,081		30,742		27,292		3,450		16,505		15,546		959	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	295	12.6	265	12.4	30	14.4	337	11.0	296	10.8	41	11.9	213	12.9	211	13.6	2	2.1
ILLEGITIMATE BIRTHS	54	18.3	39	14.7	15	50.0	97	28.8	67	22.6	30	73.2	37	17.4	36	17.1	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	17	5.8	16	6.0	1	3.3	30	8.9	25	8.4	5	12.2	16	7.5	16	7.6	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	6.8	2	7.5	-	-	5	14.8	4	13.5	1	24.4	2	9.4	2	9.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	6.8	2	7.5	-	-	2	5.9	2	6.8	-	-	1	4.7	1	4.7	-	-
UNDER 7 DAYS OF AGE	2	6.8	2	7.5	-	-	2	5.9	2	6.8	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	4.7	1	4.7	-	-
FETAL DEATHS	4	13.6	4	15.1	-	-	2	5.9	-	-	2	48.8	2	9.4	2	9.5	-	-
INDUCED ABORTIONS	41	139.0	28	102.9	13	565.2	64	189.9	46	153.8	18	473.7	17	79.8	17	80.6	-	-
TOTAL DEATHS	222	9.5	202	9.4	20	9.6	377	12.3	337	12.3	40	11.6	170	10.3	164	10.5	6	6.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.3	1	4.7	-	-	1	3.3	1	3.7	-	-	3	18.2	3	19.3	-	-
MALIGNANT NEOPLASMS (140-208)	54	230.1	49	229.1	5	-	83	270.0	73	267.5	10	-	36	218.1	35	225.1	1	-
DIABETES MELLITUS (250)	5	21.3	3	14.0	2	-	14	45.5	13	47.6	1	-	1	6.1	1	6.4	-	-
DISEASES OF HEART (390-398,402,404-429)	63	268.4	63	294.6	-	-	153	497.7	135	494.7	18	-	66	399.9	63	405.2	3	-
CEREBROVASCULAR DISEASE (430-438)	40	170.4	33	154.3	7	-	33	107.3	31	113.6	2	-	14	84.8	13	83.6	1	-
ATHEROSCLEROSIS (440)	8	34.1	8	37.4	-	-	2	6.5	2	7.3	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	2	8.5	2	9.4	-	-	8	26.0	8	29.3	-	-	3	18.2	3	19.3	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8	34.1	7	32.7	1	-	10	32.5	9	33.0	1	-	5	30.3	5	32.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	8.5	2	9.4	-	-	3	9.8	2	7.3	1	-	2	12.1	2	12.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	17.0	3	14.0	1	-	3	9.8	3	11.0	-	-	1	6.1	1	6.4	-	-
CONGENITAL ANOMALIES (740-759)	3	12.8	3	14.0	-	-	1	3.3	1	3.7	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	6.5	2	7.3	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	4.3	1	4.7	-	-	1	3.3	1	3.7	-	-	4	24.2	4	25.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	46.9	10	46.8	1	-	13	42.3	13	47.6	-	-	12	72.7	12	77.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	29.8	6	28.1	1	-	7	22.8	7	25.6	-	-	7	42.4	7	45.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	17.0	4	18.7	-	-	6	19.5	6	22.0	-	-	5	30.3	5	32.2	-	-
SUICIDE (E950-E959)	1	4.3	1	4.7	-	-	7	22.8	5	18.3	2	-	3	18.2	3	19.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	4.3	1	4.7	-	-	3	9.8	1	3.7	2	-	-	-	-	-	-	-
ALL OTHER CAUSES	18	76.7	15	70.1	3	-	40	130.1	37	135.6	3	-	20	121.2	19	122.2	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATICON OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	HOUSTON						HUMPHREYS						JACKSON					
ESTIMATED POPULATION	ALL RACES 7,328		WHITE 6,992		OTHER RACES 336		ALL RACES 17,203		WHITE 16,430		OTHER RACES 773		ALL RACES 9,813		WHITE 9,813		OTHER RACES 0	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	78	10.6	72	10.3	6	17.9	197	11.5	189	11.5	8	10.3	117	11.9	115	11.7	2	-
ILLEGITIMATE BIRTHS	14	17.9	11	15.3	3	-	27	13.7	23	12.2	4	-	20	17.1	19	16.5	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	5	6.4	4	5.6	1	-	15	7.6	14	7.4	1	-	8	6.8	7	6.1	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	1	5.1	1	5.3	-	-	1	8.5	-	-	1	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	1	8.5	-	-	1	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	8.5	-	-	1	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	1	8.5	1	8.7	-	-
INDUCED ABORTIONS	7	89.7	6	83.3	1	-	20	101.5	17	89.0	3	-	11	94.0	11	94.8	-	-
TOTAL DEATHS	99	13.5	92	13.2	7	20.8	156	9.1	149	9.1	7	9.1	115	11.7	113	11.5	2	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	23	313.9	22	314.6	1	-	40	232.5	39	237.4	1	-	25	254.8	25	254.8	-	-
DIABETES MELLITUS (250)	2	27.3	1	14.3	1	-	5	29.1	4	24.3	1	-	1	10.2	1	10.2	-	-
DISEASES OF HEART (390-398,402,404-429)	34	464.0	31	443.4	3	-	61	354.6	58	353.0	3	-	42	428.0	42	428.0	-	-
CEREBROVASCULAR DISEASE (430-438)	8	109.2	7	100.1	1	-	9	52.3	9	54.8	-	-	8	81.5	8	81.5	-	-
ATHEROSCLEROSIS (440)	2	27.3	2	28.6	-	-	1	5.8	1	6.1	-	-	3	30.6	3	30.6	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	109.2	8	114.4	-	-	3	17.4	3	18.3	-	-	2	20.4	2	20.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4	54.6	4	57.2	-	-	4	23.3	3	18.3	1	-	8	81.5	7	71.3	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	17.4	3	18.3	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	27.3	2	28.6	-	-	1	5.8	1	6.1	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	1	10.2	-	-	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	13.6	1	14.3	-	-	2	11.6	2	12.2	-	-	1	10.2	1	10.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	68.2	4	57.2	1	-	10	58.1	9	54.8	1	-	5	51.0	5	51.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	-	-	-	-	-	-	6	34.9	5	30.4	1	-	1	10.2	1	10.2	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	68.2	4	57.2	1	-	4	23.3	4	24.3	-	-	4	40.8	4	40.8	-	-
SUICIDE (E950-E959)	2	27.3	2	28.6	-	-	1	5.8	1	6.1	-	-	4	40.8	4	40.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	27.3	2	28.6	-	-	-	-	-	-	-	-	1	10.2	1	10.2	-	-
ALL OTHER CAUSES	6	81.9	6	85.8	-	-	16	93.0	16	97.4	-	-	14	142.7	14	142.7	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	JEFFERSON						JOHNSON						KNOX					
ESTIMATED POPULATION	ALL RACES 33,872		WHITE 32,767		OTHER RACES 1,105		ALL RACES 14,729		WHITE 14,604		OTHER RACES 125		ALL RACES 340,396		WHITE 304,154		OTHER RACES 36,242	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	354	10.5	342	10.4	12	10.9	153	10.4	152	10.4	1	8.0	4520	13.3	3860	12.7	659	18.2
ILLEGITIMATE BIRTHS	60	16.9	55	16.1	5	41.7	30	19.6	29	19.1	1	-	1042	23.1	625	16.2	416	63.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35	9.9	34	9.9	1	8.3	14	9.2	14	9.2	-	-	346	7.7	265	6.9	81	12.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	11.3	4	11.7	-	-	-	-	-	-	-	-	37	8.2	27	7.0	10	15.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	11.3	4	11.7	-	-	-	-	-	-	-	-	21	4.6	16	4.1	5	7.6
UNDER 7 DAYS OF AGE	3	8.5	3	8.8	-	-	-	-	-	-	-	-	20	4.4	16	4.1	4	6.1
7-27 DAYS OF AGE	1	2.8	1	2.9	-	-	-	-	-	-	-	-	1	0.2	-	-	1	1.5
FETAL DEATHS	4	11.3	4	11.7	-	-	1	6.5	1	6.6	-	-	25	5.5	23	6.0	1	1.5
INDUCED ABORTIONS	96	271.2	92	267.4	4	400.0	16	104.6	16	105.3	-	-	1696	375.2	1414	362.6	278	449.1
TOTAL DEATHS	299	8.8	285	8.7	14	12.7	162	11.0	158	10.8	4	32.0	2955	8.7	2648	8.7	307	8.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	8.9	2	6.1	1	-	-	-	-	-	-	-	14	4.1	11	3.6	3	8.3
MALIGNANT NEOPLASMS (140-208)	48	141.7	44	134.3	4	-	30	203.7	30	205.4	-	-	703	206.5	642	211.1	61	168.3
DIABETES MELLITUS (250)	12	35.4	12	36.6	-	-	-	-	-	-	-	-	54	15.9	49	16.1	5	13.8
DISEASES OF HEART (390-398,402,404-429)	119	351.3	115	351.0	4	-	52	353.0	50	342.4	2	-	844	247.9	761	250.2	83	229.0
CEREBROVASCULAR DISEASE (430-438)	32	94.5	32	97.7	-	-	12	81.5	12	82.2	-	-	180	52.9	166	54.6	14	38.6
ATHEROSCLEROSIS (440)	3	8.9	2	6.1	1	-	-	-	-	-	-	-	61	17.9	56	18.4	5	13.8
PNEUMONIA AND INFLUENZA (480-487)	6	17.7	6	18.3	-	-	10	67.9	10	68.5	-	-	87	25.6	80	26.3	7	19.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12	35.4	12	36.6	-	-	15	101.8	15	102.7	-	-	105	30.8	100	32.9	5	13.8
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	11.8	4	12.2	-	-	3	20.4	3	20.5	-	-	34	10.0	32	10.5	2	5.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.0	1	3.1	-	-	-	-	-	-	-	-	17	5.0	13	4.3	4	11.0
CONGENITAL ANOMALIES (740-759)	2	5.9	2	6.1	-	-	-	-	-	-	-	-	14	4.1	9	3.0	5	13.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.0	1	3.1	-	-	-	-	-	-	-	-	15	4.4	11	3.6	4	11.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5	14.8	5	15.3	-	-	-	-	-	-	-	-	259	76.1	216	71.0	43	118.6
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18	53.1	17	51.9	1	-	6	40.7	5	34.2	1	-	91	26.7	85	27.9	6	16.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	29.5	10	30.5	-	-	1	6.8	1	6.8	-	-	51	15.0	50	16.4	1	2.8
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	23.6	7	21.4	1	-	5	33.9	4	27.4	1	-	40	11.8	35	11.5	5	13.8
SUICIDE (E950-E959)	3	8.9	3	9.2	-	-	3	20.4	3	20.5	-	-	47	13.8	42	13.8	5	13.8
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.0	1	3.1	-	-	1	6.8	1	6.8	-	-	32	9.4	21	6.9	11	30.4
ALL OTHER CAUSES	29	85.6	26	79.3	3	-	30	203.7	29	198.6	1	-	398	116.9	354	116.4	44	121.4

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	LAKE						LAUDERDALE						LAWRENCE					
	ALL RACES 7,472		WHITE 5,941		OTHER RACES 1,531		ALL RACES 27,774		WHITE 18,546		OTHER RACES 9,228		ALL RACES 36,721		WHITE 36,071		OTHER RACES 650	
ESTIMATED POPULATION	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	91	12.2	61	10.3	30	19.6	401	14.4	224	12.1	177	19.2	505	13.8	499	13.8	6	9.2
ILLEGITIMATE BIRTHS	36	39.6	11	18.0	25	83.3	153	38.2	34	15.2	119	67.2	65	12.9	62	12.4	3	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	15	16.5	8	13.1	7	23.3	33	8.2	9	4.0	24	13.6	35	6.9	35	7.0	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	11.0	1	16.4	-	-	9	22.4	3	13.4	6	33.9	5	9.9	5	10.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	6	15.0	1	4.5	5	28.2	2	4.0	2	4.0	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	5.0	-	-	2	11.3	2	4.0	2	4.0	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	4	10.0	1	4.5	3	16.9	-	-	-	-	-	-
FETAL DEATHS	1	11.0	1	16.4	-	-	5	12.5	4	17.9	1	5.6	2	4.0	2	4.0	-	-
INDUCED ABORTIONS	4	44.0	3	49.2	1	33.3	72	179.6	38	168.1	34	194.3	39	77.2	36	71.9	2	-
TOTAL DEATHS	87	11.6	72	12.1	15	9.8	292	10.5	200	10.8	92	10.0	358	9.7	355	9.8	3	4.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	2	7.2	2	10.8	-	-	1	2.7	1	2.8	-	-
MALIGNANT NEOPLASMS (140-208)	23	307.8	22	370.3	1	-	71	255.6	50	269.6	21	227.6	73	198.8	73	202.4	-	-
DIABETES MELLITUS (250)	4	53.5	3	50.5	1	-	7	25.2	1	5.4	6	65.0	4	10.9	4	11.1	-	-
DISEASES OF HEART (390-398,402,404-429)	23	307.8	21	353.5	2	-	98	352.8	71	382.8	27	292.6	147	400.3	145	402.0	2	-
CEREBROVASCULAR DISEASE (430-438)	6	80.3	4	67.3	2	-	15	54.0	11	59.3	4	43.3	22	59.9	22	61.0	-	-
ATHEROSCLEROSIS (440)	2	26.8	1	16.8	1	-	1	3.6	1	5.4	-	-	1	2.7	1	2.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	6	80.3	5	84.2	1	-	9	32.4	5	27.0	4	43.3	8	21.8	8	22.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	66.9	5	84.2	-	-	13	46.8	10	53.9	3	32.5	15	40.8	15	41.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	2	7.2	2	10.8	-	-	3	8.2	3	8.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	13.4	-	-	1	-	1	3.6	-	-	1	10.8	4	10.9	4	11.1	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	2	7.2	-	-	2	21.7	2	5.4	2	5.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	6	21.6	2	10.8	4	43.3	2	5.4	2	5.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	40.1	2	33.7	1	-	3	10.8	1	5.4	2	21.7	1	2.7	1	2.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4	53.5	1	16.8	3	-	31	111.6	23	124.0	8	86.7	29	79.0	29	80.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	13.4	1	16.8	-	-	21	75.6	16	86.3	5	54.2	13	35.4	13	36.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	40.1	-	-	3	-	10	36.0	7	37.7	3	32.5	16	43.6	16	44.4	-	-
SUICIDE (E950-E959)	2	26.8	2	33.7	-	-	2	7.2	2	10.8	-	-	3	8.2	3	8.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	3	10.8	2	10.8	1	10.8	2	5.4	2	5.5	-	-
ALL OTHER CAUSES	8	107.1	6	101.0	2	-	26	93.6	17	91.7	9	97.5	41	111.7	40	110.9	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	LEWIS						LINCOLN						LOUDON					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	11,761		11,530		231		27,572		24,646		2,926		30,316		29,799		517	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	121	10.3	121	10.5	-	-	403	14.6	342	13.9	61	20.8	382	12.6	369	12.4	13	25.1
ILLEGITIMATE BIRTHS	27	22.3	27	22.3	-	-	101	25.1	56	16.4	45	73.8	56	14.7	53	14.4	3	23.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	3	2.5	3	2.5	-	-	34	8.4	26	7.6	8	13.1	25	6.5	23	6.2	2	15.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	3	7.4	3	8.8	-	-	9	23.6	8	21.7	1	76.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	3	7.4	3	8.8	-	-	6	15.7	5	13.6	1	76.9
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	3	7.4	3	8.8	-	-	6	15.7	5	13.6	1	76.9
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	16.5	2	16.5	-	-	3	7.4	3	8.8	-	-	2	5.2	2	5.4	-	-
INDUCED ABORTIONS	5	41.3	4	33.1	1	-	46	114.1	38	109.8	8	140.4	83	217.3	77	207.5	6	545.5
TOTAL DEATHS	82	7.0	78	6.8	4	17.3	309	11.2	269	10.9	40	13.7	303	10.0	295	9.9	8	15.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	4	14.5	3	12.2	1	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	26	221.1	26	225.5	-	-	53	192.2	44	178.5	9	-	72	237.5	71	238.3	1	-
DIABETES MELLITUS (250)	-	-	-	-	-	-	4	14.5	3	12.2	1	-	6	19.8	6	20.1	-	-
DISEASES OF HEART (390-398,402,404-429)	27	229.6	25	216.8	2	-	119	431.6	105	426.0	14	-	122	402.4	118	396.0	4	-
CEREBROVASCULAR DISEASE (430-438)	5	42.5	5	43.4	-	-	26	94.3	21	85.2	5	-	18	59.4	18	60.4	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	2	7.3	1	4.1	1	-	3	9.9	3	10.1	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	25.5	3	26.0	-	-	8	29.0	6	24.3	2	-	11	36.3	10	33.6	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6	51.0	6	52.0	-	-	13	47.1	11	44.6	2	-	4	13.2	4	13.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	8.5	1	8.7	-	-	2	7.3	2	8.1	-	-	2	6.6	2	6.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	8.5	1	8.7	-	-	4	14.5	4	16.2	-	-	2	6.6	2	6.7	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	1	3.3	1	3.4	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	3	10.9	3	12.2	-	-	5	16.5	4	13.4	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	8.5	-	-	1	-	1	3.6	1	4.1	-	-	5	16.5	5	16.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	42.5	5	43.4	-	-	18	65.3	15	60.9	3	-	13	42.9	12	40.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	8.5	1	8.7	-	-	12	43.5	10	40.6	2	-	9	29.7	8	26.8	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	34.0	4	34.7	-	-	6	21.8	5	20.3	1	-	4	13.2	4	13.4	-	-
SUICIDE (E950-E959)	-	-	-	-	-	-	2	7.3	2	8.1	-	-	3	9.9	3	10.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	-	-	-	-	-	-	1	3.3	1	3.4	-	-
ALL OTHER CAUSES	7	59.5	6	52.0	1	-	50	181.3	48	194.8	2	-	35	115.5	35	117.5	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MCMINN						MCNAIRY						MACON					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	45,035		42,456		2,579		24,803		22,990		1,813		17,482		17,418		64	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	527	11.7	493	11.6	34	13.2	292	11.8	255	11.1	37	20.4	205	11.7	202	11.6	3	46.9
ILLEGITIMATE BIRTHS	123	23.3	97	19.7	26	76.5	51	17.5	32	12.5	19	51.4	39	19.0	38	18.8	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	43	8.2	38	7.7	5	14.7	20	6.8	15	5.9	5	13.5	15	7.3	15	7.4	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	1.9	1	2.0	-	-	3	10.3	3	11.8	-	-	1	4.9	1	5.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	1.9	1	2.0	-	-	3	10.3	3	11.8	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	1.9	1	2.0	-	-	3	10.3	3	11.8	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	4	7.6	4	8.1	-	-	1	3.4	1	3.9	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	123	233.4	121	243.5	2	66.7	47	161.0	41	160.8	6	162.2	18	87.8	18	88.7	-	-
TOTAL DEATHS	400	8.9	379	8.9	21	8.1	282	11.4	267	11.6	15	8.3	152	8.7	151	8.7	1	15.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	3	12.1	3	13.0	-	-	1	5.7	1	5.7	-	-
MALIGNANT NEOPLASMS (140-208)	92	204.3	85	200.2	7	-	58	233.8	55	239.2	3	-	28	160.2	28	160.8	-	-
DIABETES MELLITUS (250)	11	24.4	9	21.2	2	-	6	24.2	5	21.7	1	-	6	34.3	5	28.7	1	-
DISEASES OF HEART (390-398,402,404-429)........	140	310.9	132	310.9	8	-	121	487.8	115	500.2	6	-	55	314.6	55	315.8	-	-
CEREBROVASCULAR DISEASE (430-438)..............	39	86.6	37	87.1	2	-	22	88.7	21	91.3	1	-	10	57.2	10	57.4	-	-
ATHEROSCLEROSIS (440)	7	15.5	7	16.5	-	-	-	-	-	-	-	-	2	11.4	2	11.5	-	-
PNEUMONIA AND INFLUENZA (480-487)	12	26.6	12	28.3	-	-	6	24.2	6	26.1	-	-	3	17.2	3	17.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)...............	11	24.4	11	25.9	-	-	12	48.4	12	52.2	-	-	6	34.3	6	34.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	6.7	3	7.1	-	-	2	8.1	2	8.7	-	-	3	17.2	3	17.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	8.9	4	9.4	-	-	3	12.1	2	8.7	1	-	2	11.4	2	11.5	-	-
CONGENITAL ANOMALIES (740-759)	1	2.2	1	2.4	-	-	1	4.0	1	4.3	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	2.2	1	2.4	-	-	2	8.1	2	8.7	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	2	8.1	1	4.3	1	-	3	17.2	3	17.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14	31.1	14	33.0	-	-	7	28.2	7	30.4	-	-	12	68.6	12	68.9	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	13.3	6	14.1	-	-	3	12.1	3	13.0	-	-	5	28.6	5	28.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	17.8	8	18.8	-	-	4	16.1	4	17.4	-	-	7	40.0	7	40.2	-	-
SUICIDE (E950-E959)	4	8.9	4	9.4	-	-	6	24.2	6	26.1	-	-	1	5.7	1	5.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	9	20.0	9	21.2	-	-	1	4.0	1	4.3	-	-	2	11.4	2	11.5	-	-
ALL OTHER CAUSES	52	115.5	50	117.8	2	-	30	121.0	28	121.8	2	-	18	103.0	18	103.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MADISON						MARION						MARSHALL					
ESTIMATED POPULATION	ALL RACES 81,078		WHITE 55,490		OTHER RACES 25,588		ALL RACES 26,249		WHITE 25,115		OTHER RACES 1,134		ALL RACES 20,886		WHITE 18,680		OTHER RACES 2,206	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1302	16.1	732	13.2	570	22.3	385	14.7	371	14.8	14	12.3	289	13.8	258	13.8	31	14.1
ILLEGITIMATE BIRTHS	490	37.6	91	12.4	399	70.0	91	23.6	83	22.4	8	57.1	62	21.5	41	15.9	21	67.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	97	7.5	38	5.2	59	10.4	39	10.1	37	10.0	2	14.3	27	9.3	26	10.1	1	3.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	15	11.5	5	6.8	~~10~~	17.5	8	20.8	7	18.9	1	71.4	2	6.9	2	7.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	10	7.7	3	4.1	7	12.3	5	13.0	5	13.5	-	-	2	6.9	2	7.8	-	-
UNDER 7 DAYS OF AGE	10	7.7	3	4.1	7	12.3	4	10.4	4	10.8	-	-	2	6.9	2	7.8	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	2.6	1	2.7	-	-	-	-	-	-	-	-
FETAL DEATHS	4	3.1	1	1.4	3	5.3	4	10.4	4	10.8	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	271	208.1	154	207.8	116	206.8	64	166.2	62	167.1	2	142.9	32	110.7	26	100.4	6	200.0
TOTAL DEATHS	810	10.0	536	9.7	274	10.7	278	10.6	263	10.5	15	13.2	251	12.0	229	12.3	22	10.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	6	7.4	4	7.2	2	7.8	2	7.6	2	8.0	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	176	217.1	120	216.3	56	218.9	68	259.1	65	258.8	3	-	60	287.3	52	278.4	8	-
DIABETES MELLITUS (250)	14	17.3	8	14.4	6	23.4	4	15.2	3	11.9	1	-	11	52.7	9	48.2	2	-
DISEASES OF HEART (390-398,402,404-429)	247	304.6	172	310.0	75	293.1	97	369.5	93	370.3	4	-	72	344.7	66	353.3	6	-
CEREBROVASCULAR DISEASE (430-438)	88	108.5	48	86.5	40	156.3	13	49.5	10	39.8	3	-	23	110.1	21	112.4	2	-
ATHEROSCLEROSIS (440)	11	13.6	5	9.0	6	23.4	8	30.5	8	31.9	-	-	1	4.8	1	5.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	13	16.0	12	21.6	1	3.9	11	41.9	10	39.8	1	-	8	38.3	8	42.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	32	39.5	28	50.5	4	15.6	16	61.0	16	63.7	-	-	10	47.9	10	53.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	10	12.3	7	12.6	3	11.7	3	11.4	3	11.9	-	-	3	14.4	2	10.7	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	9	11.1	3	5.4	6	23.4	2	7.6	1	4.0	1	-	3	14.4	3	16.1	-	-
CONGENITAL ANOMALIES (740-759)	6	7.4	2	3.6	4	15.6	3	11.4	3	11.9	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	7	8.6	2	3.6	5	19.5	4	15.2	4	15.9	-	-	1	4.8	1	5.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	34	41.9	24	43.3	10	39.1	2	7.6	2	8.0	-	-	2	9.6	2	10.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	30	37.0	24	43.3	6	23.4	15	57.1	15	59.7	-	-	17	81.4	16	85.7	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	12.3	9	16.2	1	3.9	8	30.5	8	31.9	-	-	6	28.7	5	26.8	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	20	24.7	15	27.0	5	19.5	7	26.7	7	27.9	-	-	11	52.7	11	58.9	-	-
SUICIDE (E950-E959)	3	3.7	1	1.8	2	7.8	1	3.8	1	4.0	-	-	3	14.4	3	16.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	7.4	1	1.8	5	19.5	2	7.6	2	8.0	-	-	2	9.6	2	10.7	-	-
ALL OTHER CAUSES	118	145.5	75	135.2	43	168.0	27	102.9	25	99.5	2	-	35	167.6	33	176.7	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MAURY						MEIGS						MONROE					
ESTIMATED POPULATION	ALL RACES 55,695		WHITE 46,064		OTHER RACES 9,631		ALL RACES 8,580		WHITE 8,462		OTHER RACES 118		ALL RACES 31,423		WHITE 30,441		OTHER RACES 982	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	812	14.6	652	14.2	160	16.6	98	11.4	98	11.6	-	-	424	13.5	409	13.4	15	15.3
ILLEGITIMATE BIRTHS	234	28.8	116	17.8	118	73.8	18	18.4	18	18.4	-	-	64	15.1	56	13.7	8	53.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	61	7.5	46	7.1	15	9.4	10	10.2	10	10.2	-	-	24	5.7	22	5.4	2	13.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	6.2	4	6.1	1	6.2	1	10.2	1	10.2	-	-	5	11.8	5	12.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	2.5	1	1.5	1	6.2	-	-	-	-	-	-	3	7.1	3	7.3	-	-
UNDER 7 DAYS OF AGE	1	1.2	-	-	1	6.2	-	-	-	-	-	-	2	4.7	2	4.9	-	-
7-27 DAYS OF AGE	1	1.2	1	1.5	-	-	-	-	-	-	-	-	1	2.4	1	2.4	-	-
FETAL DEATHS	6	7.4	5	7.7	1	6.2	1	10.2	1	10.2	-	-	1	2.4	1	2.4	-	-
INDUCED ABORTIONS	98	120.7	73	110.4	24	158.9	10	102.0	9	91.8	1	-	64	150.9	64	155.7	-	-
TOTAL DEATHS	542	9.7	433	9.4	109	11.3	76	8.9	75	8.9	1	8.5	292	9.3	277	9.1	15	15.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	5.4	2	4.3	1	10.4	1	11.7	1	11.8	-	-	2	6.4	2	6.6	-	-
MALIGNANT NEOPLASMS (140-208)	124	222.6	94	204.1	30	311.5	16	186.5	15	177.3	1	-	67	213.2	65	213.5	2	-
DIABETES MELLITUS (250)	11	19.8	6	13.0	5	51.9	1	11.7	1	11.8	-	-	5	15.9	5	16.4	-	-
DISEASES OF HEART (390-398,402,404-429)	198	355.5	171	371.2	27	280.3	20	233.1	20	236.4	-	-	74	235.5	71	233.2	3	-
CEREBROVASCULAR DISEASE (430-438)	44	79.0	31	67.3	13	135.0	9	104.9	9	106.4	-	-	28	89.1	24	78.8	4	-
ATHEROSCLEROSIS (440)	3	5.4	2	4.3	1	10.4	-	-	-	-	-	-	1	3.2	1	3.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	21	37.7	16	34.7	5	51.9	1	11.7	1	11.8	-	-	10	31.8	10	32.9	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13	23.3	11	23.9	2	20.8	4	46.6	4	47.3	-	-	13	41.4	13	42.7	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5	9.0	4	8.7	1	10.4	1	11.7	1	11.8	-	-	1	3.2	-	-	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	9.0	4	8.7	1	10.4	-	-	-	-	-	-	2	6.4	2	6.6	-	-
CONGENITAL ANOMALIES (740-759)	1	1.8	1	2.2	-	-	-	-	-	-	-	-	1	3.2	1	3.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	1.8	-	-	1	10.4	-	-	-	-	-	-	2	6.4	2	6.6	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8	14.4	6	13.0	2	20.8	1	11.7	1	11.8	-	-	26	82.7	24	78.8	2	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	27	48.5	24	52.1	3	31.1	5	58.3	5	59.1	-	-	21	66.8	18	59.1	3	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	14	25.1	14	30.4	-	-	2	23.3	2	23.6	-	-	12	38.2	10	32.9	2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	13	23.3	10	21.7	3	31.1	3	35.0	3	35.5	-	-	9	28.6	8	26.3	1	-
SUICIDE (E950-E959)	4	7.2	4	8.7	-	-	-	-	-	-	-	-	3	9.5	3	9.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	10.8	2	4.3	4	41.5	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	68	122.1	55	119.4	13	135.0	17	198.1	17	200.9	-	-	36	114.6	36	118.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD),
WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	MONTGOMERY						MOORE						MORGAN					
ESTIMATED POPULATION	ALL RACES 99,669		WHITE 78,491		OTHER RACES 21,178		ALL RACES 5,129		WHITE 4,960		OTHER RACES 169		ALL RACES 18,252		WHITE 18,141		OTHER RACES 111	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	2048	20.5	1502	19.1	546	25.8	56	10.9	56	11.3	-	-	211	11.6	211	11.6	-	-
ILLEGITIMATE BIRTHS	380	18.6	196	13.0	184	33.7	2	3.6	2	3.6	-	-	46	21.8	46	21.8	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	135	6.6	91	6.1	44	8.1	2	3.6	2	3.6	-	-	16	7.6	16	7.6	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	17	8.3	11	7.3	6	11.0	-	-	-	-	-	-	1	4.7	1	4.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	9	4.4	5	3.3	4	7.3	-	-	-	-	-	-	1	4.7	1	4.7	-	-
UNDER 7 DAYS OF AGE	9	4.4	5	3.3	4	7.3	-	-	-	-	-	-	1	4.7	1	4.7	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	16	7.8	11	7.3	5	9.2	-	-	-	-	-	-	2	9.5	2	9.5	-	-
INDUCED ABORTIONS	282	137.7	196	126.0	86	174.4	4	71.4	4	71.4	-	-	36	170.6	35	165.9	1	-
TOTAL DEATHS	582	5.8	477	6.1	105	5.0	37	7.2	35	7.1	2	11.8	157	8.6	156	8.6	1	9.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	5	5.0	5	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	141	141.5	121	154.2	20	94.4	10	195.0	10	-	-	-	45	246.5	45	248.1	-	-
DIABETES MELLITUS (250)	7	7.0	5	6.4	2	9.4	2	39.0	1	-	1	-	3	16.4	3	16.5	-	-
DISEASES OF HEART (390-398,402,404-429)	182	182.6	151	192.4	31	146.4	11	214.5	10	-	1	-	44	241.1	44	242.5	-	-
CEREBROVASCULAR DISEASE (430-438)	57	57.2	42	53.5	15	70.8	6	117.0	6	-	-	-	14	76.7	13	71.7	1	-
ATHEROSCLEROSIS (440)	1	1.0	1	1.3	-	-	1	19.5	1	-	-	-	2	11.0	2	11.0	-	-
PNEUMONIA AND INFLUENZA (480-487)	15	15.0	10	12.7	5	23.6	-	-	-	-	-	-	2	11.0	2	11.0	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	25	25.1	24	30.6	1	4.7	-	-	-	-	-	-	9	49.3	9	49.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5	5.0	2	2.5	3	14.2	1	19.5	1	-	-	-	1	5.5	1	5.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	7.0	5	6.4	2	9.4	-	-	-	-	-	-	1	5.5	1	5.5	-	-
CONGENITAL ANOMALIES (740-759)	2	2.0	2	2.5	-	-	-	-	-	-	-	-	1	5.5	1	5.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	7	7.0	3	3.8	4	18.9	-	-	-	-	-	-	1	5.5	1	5.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	22	22.1	17	21.7	5	23.6	-	-	-	-	-	-	1	5.5	1	5.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	35	35.1	29	36.9	6	28.3	-	-	-	-	-	-	10	54.8	10	55.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	12	12.0	9	11.5	3	14.2	-	-	-	-	-	-	7	38.4	7	38.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	23	23.1	20	25.5	3	14.2	-	-	-	-	-	-	3	16.4	3	16.5	-	-
SUICIDE (E950-E959)	8	8.0	8	10.2	-	-	-	-	-	-	-	-	1	5.5	1	5.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	6.0	5	6.4	1	4.7	-	-	-	-	-	-	1	5.5	1	5.5	-	-
ALL OTHER CAUSES	57	57.2	47	59.9	10	47.2	6	117.0	6	-	-	-	21	115.1	21	115.8	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	OBION						OVERTON						PERRY					
ESTIMATED POPULATION	ALL RACES 34,430		WHITE 30,566		OTHER RACES 3,864		ALL RACES 18,619		WHITE 18,532		OTHER RACES 87		ALL RACES 6,464		WHITE 6,291		OTHER RACES 173	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	402	11.7	337	11.0	65	16.8	194	10.4	193	10.4	1	11.5	88	13.6	87	13.8	1	5.8
ILLEGITIMATE BIRTHS	86	21.4	43	12.8	43	66.2	25	12.9	25	13.0	-	-	10	11.4	10	11.5	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	31	7.7	25	7.4	6	9.2	12	6.2	12	6.2	-	-	1	1.1	1	1.1	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	2.5	1	3.0	-	-	3	15.5	3	15.5	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	2	10.3	2	10.4	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	10.3	2	10.4	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	4	10.0	3	8.9	1	15.4	2	10.3	2	10.4	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	66	164.2	54	158.4	11	180.3	15	77.3	15	77.3	-	-	5	56.8	5	57.5	-	-
TOTAL DEATHS	377	10.9	324	10.6	53	13.7	191	10.3	190	10.3	1	11.5	63	9.7	63	10.0	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	2.9	1	3.3	-	-	1	5.4	1	5.4	-	-	1	15.5	1	15.9	-	-
MALIGNANT NEOPLASMS (140-208)	78	226.5	66	215.9	12	-	39	209.5	38	205.1	1	-	13	201.1	13	206.6	-	-
DIABETES MELLITUS (250)	6	17.4	5	16.4	1	-	5	26.9	5	27.0	-	-	1	15.5	1	15.9	-	-
DISEASES OF HEART (390-398,402,404-429)	146	424.0	126	412.2	20	-	60	322.3	60	323.8	-	-	19	293.9	19	302.0	-	-
CEREBROVASCULAR DISEASE (430-438)	28	81.3	25	81.8	3	-	11	59.1	11	59.4	-	-	3	46.4	3	47.7	-	-
ATHEROSCLEROSIS (440)	24	69.7	19	62.2	5	-	2	10.7	2	10.8	-	-	2	30.9	2	31.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	9	26.1	8	26.2	1	-	9	48.3	9	48.6	-	-	2	30.9	2	31.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8	23.2	7	22.9	1	-	8	43.0	8	43.2	-	-	3	46.4	3	47.7	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	5.8	2	6.5	-	-	2	10.7	2	10.8	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	2.9	1	3.3	-	-	1	5.4	1	5.4	-	-	2	30.9	2	31.8	-	-
CONGENITAL ANOMALIES (740-759)	3	8.7	3	9.8	-	-	1	5.4	1	5.4	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	5.4	1	5.4	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	8.7	3	9.8	-	-	3	16.1	3	16.2	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23	66.8	20	65.4	3	-	12	64.5	12	64.8	-	-	9	139.2	9	143.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	14	40.7	11	36.0	3	-	8	43.0	8	43.2	-	-	2	30.9	2	31.8	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	9	26.1	9	29.4	-	-	4	21.5	4	21.6	-	-	7	108.3	7	111.3	-	-
SUICIDE (E950-E959)	9	26.1	8	26.2	1	-	2	10.7	2	10.8	-	-	1	15.5	1	15.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.9	-	-	1	-	2	10.7	2	10.8	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	35	101.7	30	98.1	5	-	32	171.9	32	172.7	-	-	7	108.3	7	111.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	PICKETT						POLK						PUTNAM					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	4,750		4,750		0		14,597		14,597		0		53,017		51,515		1,502	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	49	10.3	49	10.3	-	-	167	11.4	167	11.4	-	-	673	12.7	650	12.6	23	15.3
ILLEGITIMATE BIRTHS	7	14.3	7	14.3	-	-	28	16.8	28	16.8	-	-	98	14.6	93	14.3	5	21.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	3	6.1	3	6.1	-	-	12	7.2	12	7.2	-	-	41	6.1	40	6.2	1	4.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	2	12.0	2	12.0	-	-	3	4.5	3	4.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	2	3.0	2	3.1	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	3.0	2	3.1	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	3	4.5	2	3.1	1	43.5
INDUCED ABORTIONS	4	81.6	4	81.6	-	-	21	125.7	21	125.7	-	-	151	224.4	145	222.7	6	272.7
TOTAL DEATHS	49	10.3	49	10.3	-	-	139	9.5	139	9.5	-	-	467	8.8	458	8.9	9	6.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	42.1	2	-	-	-	-	-	-	-	-	-	2	3.8	2	3.9	-	-
MALIGNANT NEOPLASMS (140-208)	4	84.2	4	-	-	-	26	178.1	26	178.1	-	-	94	177.3	92	178.6	2	-
DIABETES MELLITUS (250)	2	42.1	2	-	-	-	1	6.9	1	6.9	-	-	10	18.9	10	19.4	-	-
DISEASES OF HEART (390-398,402,404-429)........	22	463.2	22	-	-	-	56	383.6	56	383.6	-	-	174	328.2	170	330.0	4	-
CEREBROVASCULAR DISEASE (430-438)..............	2	42.1	2	-	-	-	8	54.8	8	54.8	-	-	41	77.3	41	79.6	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	2	13.7	2	13.7	-	-	9	17.0	9	17.5	-	-
PNEUMONIA AND INFLUENZA (480-487)	2	42.1	2	-	-	-	2	13.7	2	13.7	-	-	6	11.3	6	11.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	2	42.1	2	-	-	-	7	48.0	7	48.0	-	-	16	30.2	16	31.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	2	13.7	2	13.7	-	-	6	11.3	5	9.7	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	42.1	2	-	-	-	1	6.9	1	6.9	-	-	3	5.7	3	5.8	-	-
CONGENITAL ANOMALIES (740-759)	1	21.1	1	-	-	-	1	6.9	1	6.9	-	-	1	1.9	1	1.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	1	1.9	1	1.9	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	4	27.4	4	27.4	-	-	10	18.9	10	19.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	3	63.2	3	-	-	-	11	75.4	11	75.4	-	-	31	58.5	31	60.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	21.1	1	-	-	-	6	41.1	6	41.1	-	-	18	34.0	18	34.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	42.1	2	-	-	-	5	34.3	5	34.3	-	-	13	24.5	13	25.2	-	-
SUICIDE (E950-E959)	1	21.1	1	-	-	-	2	13.7	2	13.7	-	-	8	15.1	8	15.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	-	-	-	-	-	-	1	6.9	1	6.9	-	-	2	3.8	2	3.9	-	-
ALL OTHER CAUSES	6	126.3	6	-	-	-	15	102.8	15	102.8	-	-	53	100.0	51	99.0	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	RHEA						ROANE						ROBERTSON					
ESTIMATED POPULATION	ALL RACES 28,166		WHITE 27,333		OTHER RACES 833		ALL RACES 52,969		WHITE 51,171		OTHER RACES 1,798		ALL RACES 42,084		WHITE 36,390		OTHER RACES 5,694	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	341	12.1	323	11.8	18	21.6	551	10.4	515	10.1	36	20.0	655	15.6	562	15.4	93	16.3
ILLEGITIMATE BIRTHS	80	23.5	70	21.7	10	55.6	101	18.3	83	16.1	18	50.0	144	22.0	84	14.9	60	64.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	21	6.2	18	5.6	3	16.7	37	6.7	36	7.0	1	2.8	43	6.6	31	5.5	12	12.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	14.7	5	15.5	-	-	5	9.1	5	9.7	-	-	4	6.1	3	5.3	1	10.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	14.7	5	15.5	-	-	3	5.4	3	5.8	-	-	3	4.6	2	3.6	1	10.8
UNDER 7 DAYS OF AGE	5	14.7	5	15.5	-	-	2	3.6	2	3.9	-	-	3	4.6	2	3.6	1	10.8
7-27 DAYS OF AGE	-	-	-	-	-	-	1	1.8	1	1.9	-	-	-	-	-	-	-	-
FETAL DEATHS	2	5.9	2	6.2	-	-	4	7.3	4	7.8	-	-	6	9.2	5	8.9	1	10.8
INDUCED ABORTIONS	49	143.7	47	142.0	2	200.0	113	205.1	104	200.0	8	258.1	65	99.2	51	90.3	14	155.6
TOTAL DEATHS	230	8.2	224	8.2	6	7.2	440	8.3	426	8.3	14	7.8	387	9.2	329	9.0	58	10.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	1.9	1	2.0	-	-	1	2.4	1	2.7	-	-
MALIGNANT NEOPLASMS (140-208)	68	241.4	67	245.1	1	-	89	168.0	84	164.2	5	-	87	206.7	77	211.6	10	175.6
DIABETES MELLITUS (250)	4	14.2	4	14.6	-	-	14	26.4	14	27.4	-	-	6	14.3	4	11.0	2	35.1
DISEASES OF HEART (390-398,402,404-429)	77	273.4	76	278.1	1	-	172	324.7	167	326.4	5	-	111	263.8	100	274.8	11	193.2
CEREBROVASCULAR DISEASE (430-438)	16	56.8	15	54.9	1	-	26	49.1	24	46.9	2	-	41	97.4	32	87.9	9	158.1
ATHEROSCLEROSIS (440)	1	3.6	1	3.7	-	-	4	7.6	4	7.8	-	-	11	26.1	11	30.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	10.7	3	11.0	-	-	12	22.7	12	23.5	-	-	13	30.9	12	33.0	1	17.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8	28.4	8	29.3	-	-	30	56.6	30	58.6	-	-	20	47.5	19	52.2	1	17.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	5.7	3	5.9	-	-	4	9.5	3	8.2	1	17.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	10.7	3	11.0	-	-	3	5.7	3	5.9	-	-	6	14.3	4	11.0	2	35.1
CONGENITAL ANOMALIES (740-759)	2	7.1	2	7.3	-	-	1	1.9	1	2.0	-	-	2	4.8	1	2.7	1	17.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	7.1	2	7.3	-	-	1	1.9	1	2.0	-	-	2	4.8	2	5.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	10.7	3	11.0	-	-	5	9.4	5	9.8	-	-	2	4.8	1	2.7	1	17.6
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	12	42.6	12	43.9	-	-	22	41.5	22	43.0	-	-	15	35.6	13	35.7	2	35.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	32.0	9	32.9	-	-	15	28.3	15	29.3	-	-	7	16.6	6	16.5	1	17.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	10.7	3	11.0	-	-	7	13.2	7	13.7	-	-	8	19.0	7	19.2	1	17.6
SUICIDE (E950-E959)	4	14.2	4	14.6	-	-	6	11.3	6	11.7	-	-	6	14.3	5	13.7	1	17.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.6	-	-	1	-	2	3.8	2	3.9	-	-	6	14.3	3	8.2	3	52.7
ALL OTHER CAUSES	26	92.3	24	87.8	2	-	49	92.5	47	91.8	2	-	54	128.3	41	112.7	13	228.3

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	RUTHERFORD						SCOTT						SEQUATCHIE					
ESTIMATED POPULATION	ALL RACES 98,274		WHITE 87,800		OTHER RACES 10,474		ALL RACES 21,871		WHITE 21,871		OTHER RACES 0		ALL RACES 9,502		WHITE 9,451		OTHER RACES 51	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1789	18.2	1563	17.8	225	21.5	271	12.4	271	12.4	-	-	89	9.4	88	9.3	1	19.6
ILLEGITIMATE BIRTHS	368	20.6	249	15.9	118	52.4	50	18.5	50	18.5	-	-	25	28.1	25	28.4	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	146	8.2	116	7.4	30	13.3	17	6.3	17	6.3	-	-	7	7.9	7	8.0	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	12	6.7	12	7.7	-	-	3	11.1	3	11.1	-	-	2	22.5	2	22.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	8	4.5	8	5.1	-	-	2	7.4	2	7.4	-	-	1	11.2	1	11.4	-	-
UNDER 7 DAYS OF AGE	8	4.5	8	5.1	-	-	2	7.4	2	7.4	-	-	1	11.2	1	11.4	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	7	3.9	6	3.8	1	4.4	-	-	-	-	-	-	1	11.2	1	11.4	-	-
INDUCED ABORTIONS	331	185.0	272	171.6	59	290.6	17	62.7	17	62.7	-	-	12	134.8	12	136.4	-	-
TOTAL DEATHS	766	7.8	663	7.6	103	9.8	164	7.5	164	7.5	-	-	102	10.7	102	10.8	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	6	6.1	4	4.6	2	19.1	2	9.1	2	9.1	-	-	2	21.0	2	21.2	-	-
MALIGNANT NEOPLASMS (140-208)	206	209.6	175	199.3	31	296.0	46	210.3	46	210.3	-	-	19	200.0	19	201.0	-	-
DIABETES MELLITUS (250)	11	11.2	6	6.8	5	47.7	-	-	-	-	-	-	1	10.5	1	10.6	-	-
DISEASES OF HEART (390-398,402,404-429)	247	251.3	218	248.3	29	276.9	51	233.2	51	233.2	-	-	40	421.0	40	423.2	-	-
CEREBROVASCULAR DISEASE (430-438)	58	59.0	52	59.2	6	57.3	15	68.6	15	68.6	-	-	7	73.7	7	74.1	-	-
ATHEROSCLEROSIS (440)	2	2.0	2	2.3	-	-	3	13.7	3	13.7	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	24	24.4	20	22.8	4	38.2	7	32.0	7	32.0	-	-	3	31.6	3	31.7	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	23	23.4	19	21.6	4	38.2	8	36.6	8	36.6	-	-	5	52.6	5	52.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	8	8.1	7	8.0	1	9.5	2	9.1	2	9.1	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	8	8.1	7	8.0	1	9.5	1	4.6	1	4.6	-	-	2	21.0	2	21.2	-	-
CONGENITAL ANOMALIES (740-759)	3	3.1	3	3.4	-	-	1	4.6	1	4.6	-	-	1	10.5	1	10.6	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	6	6.1	6	6.8	-	-	1	4.6	1	4.6	-	-	1	10.5	1	10.6	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	2.0	2	2.3	-	-	2	9.1	2	9.1	-	-	1	10.5	1	10.6	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	45	45.8	41	46.7	4	38.2	8	36.6	8	36.6	-	-	13	136.8	13	137.6	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	26	26.5	25	28.5	1	9.5	3	13.7	3	13.7	-	-	5	52.6	5	52.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	19	19.3	16	18.2	3	28.6	5	22.9	5	22.9	-	-	8	84.2	8	84.6	-	-
SUICIDE (E950-E959)	14	14.2	12	13.7	2	19.1	2	9.1	2	9.1	-	-	3	31.6	3	31.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	6.1	4	4.6	2	19.1	1	4.6	1	4.6	-	-	1	10.5	1	10.6	-	-
ALL OTHER CAUSES	97	98.7	85	96.8	12	114.6	14	64.0	14	64.0	-	-	3	31.6	3	31.7	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	SEVIER						SHELBY						SMITH					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	48,368		47,994		374		849,331		453,256		396,075		16,164		15,570		594	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	672	13.9	665	13.9	7	18.7	15497	18.2	6439	14.2	9055	22.9	197	12.2	191	12.3	6	10.1
ILLEGITIMATE BIRTHS	107	15.9	102	15.3	5	-	7129	46.0	766	11.9	6362	70.3	31	15.7	27	14.1	4	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	37	5.5	36	5.4	1	-	1613	10.4	345	5.4	1267	14.0	9	4.6	9	4.7	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9	13.4	9	13.5	-	-	227	14.6	52	8.1	175	19.3	2	10.2	2	10.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	6.0	4	6.0	-	-	160	10.3	33	5.1	127	14.0	1	5.1	1	5.2	-	-
UNDER 7 DAYS OF AGE	2	3.0	2	3.0	-	-	129	8.3	25	3.9	104	11.5	1	5.1	1	5.2	-	-
7-27 DAYS OF AGE	2	3.0	2	3.0	-	-	31	2.0	8	1.2	23	2.5	-	-	-	-	-	-
FETAL DEATHS	1	1.5	1	1.5	-	-	87	5.6	18	2.8	69	7.6	-	-	-	-	-	-
INDUCED ABORTIONS	139	206.8	138	207.2	1	-	6731	434.3	2409	370.2	4309	479.5	8	40.6	8	41.7	-	-
TOTAL DEATHS	425	8.8	423	8.8	2	5.3	7188	8.5	3846	8.5	3342	8.4	166	10.3	159	10.2	7	11.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	92	10.8	29	6.4	63	15.9	2	12.4	2	12.8	-	-
MALIGNANT NEOPLASMS (140-208)	106	219.2	106	220.9	-	-	1682	198.0	951	209.8	731	184.6	32	198.0	31	199.1	1	-
DIABETES MELLITUS (250)	9	18.6	9	18.8	-	-	129	15.2	50	11.0	79	19.9	2	12.4	2	12.8	-	-
DISEASES OF HEART (390-398,402,404-429)	120	248.1	119	247.9	1	-	2309	271.9	1272	280.6	1037	261.8	70	433.1	65	417.5	5	-
CEREBROVASCULAR DISEASE (430-438)	37	76.5	37	77.1	-	-	571	67.2	285	62.9	286	72.2	15	92.8	15	96.3	-	-
ATHEROSCLEROSIS (440)	9	18.6	9	18.8	-	-	26	3.1	16	3.5	10	2.5	3	18.6	3	19.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	22	45.5	22	45.8	-	-	274	32.3	171	37.7	103	26.0	3	18.6	3	19.3	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13	26.9	13	27.1	-	-	241	28.4	177	39.1	64	16.2	1	6.2	1	6.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	8.3	4	8.3	-	-	64	7.5	33	7.3	31	7.8	3	18.6	3	19.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	4.1	2	4.2	-	-	59	6.9	28	6.2	31	7.8	3	18.6	3	19.3	-	-
CONGENITAL ANOMALIES (740-759)	2	4.1	2	4.2	-	-	49	5.8	23	5.1	26	6.6	2	12.4	2	12.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	6.2	3	6.3	-	-	139	16.4	24	5.3	115	29.0	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11	22.7	11	22.9	-	-	86	10.1	36	7.9	50	12.6	4	24.7	4	25.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	19	39.3	19	39.6	-	-	289	34.0	164	36.2	125	31.6	12	74.2	11	70.6	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	16.5	8	16.7	-	-	129	15.2	80	17.7	49	12.4	7	43.3	6	38.5	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	22.7	11	22.9	-	-	160	18.8	84	18.5	76	19.2	5	30.9	5	32.1	-	-
SUICIDE (E950-E959)	8	16.5	8	16.7	-	-	104	12.2	74	16.3	30	7.6	1	6.2	1	6.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	6.2	3	6.3	-	-	165	19.4	30	6.6	135	34.1	1	6.2	1	6.4	-	-
ALL OTHER CAUSES	57	117.8	56	116.7	1	-	909	107.0	483	106.6	426	107.6	12	74.2	12	77.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	STEWART						SULLIVAN						SUMNER					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	9,158		8,997		161		150,255		146,807		3,448		104,577		98,151		6,426	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	101	11.0	100	11.1	1	6.2	1740	11.6	1686	11.5	54	15.7	1506	14.4	1365	13.9	141	21.9
ILLEGITIMATE BIRTHS	18	17.8	17	17.0	1	-	323	18.6	297	17.6	26	48.1	318	21.1	230	16.8	88	62.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	8	7.9	8	8.0	-	-	118	6.8	113	6.7	5	9.3	87	5.8	72	5.3	15	10.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	9.9	1	10.0	-	-	13	7.5	11	6.5	2	37.0	16	10.6	13	9.5	3	21.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	9.9	1	10.0	-	-	12	6.9	10	5.9	2	37.0	7	4.6	6	4.4	1	7.1
UNDER 7 DAYS OF AGE	1	9.9	1	10.0	-	-	9	5.2	8	4.7	1	18.5	6	4.0	5	3.7	1	7.1
7-27 DAYS OF AGE	-	-	-	-	-	-	3	1.7	2	1.2	1	18.5	1	0.7	1	0.7	-	-
FETAL DEATHS	1	9.9	1	10.0	-	-	12	6.9	12	7.1	-	-	8	5.3	7	5.1	1	7.1
INDUCED ABORTIONS	17	168.3	17	170.0	-	-	361	207.5	344	202.8	17	386.4	167	110.9	152	110.7	15	112.8
TOTAL DEATHS	116	12.7	112	12.4	4	24.8	1368	9.1	1340	9.1	28	8.1	717	6.9	664	6.8	53	8.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	6	4.0	6	4.1	-	-	8	7.6	8	8.2	-	-
MALIGNANT NEOPLASMS (140-208)	24	262.1	24	266.8	-	-	329	219.0	319	217.3	10	-	174	166.4	164	167.1	10	155.6
DIABETES MELLITUS (250)	1	10.9	1	11.1	-	-	30	20.0	30	20.4	-	-	8	7.6	5	5.1	3	46.7
DISEASES OF HEART (390-398,402,404-429)	50	546.0	48	533.5	2	-	485	322.8	477	324.9	8	-	251	240.0	230	234.3	21	326.8
CEREBROVASCULAR DISEASE (430-438)	4	43.7	4	44.5	-	-	97	64.6	97	66.1	-	-	62	59.3	59	60.1	3	46.7
ATHEROSCLEROSIS (440)	1	10.9	1	11.1	-	-	6	4.0	6	4.1	-	-	2	1.9	2	2.0	-	-
PNEUMONIA AND INFLUENZA (480-487)	2	21.8	2	22.2	-	-	50	33.3	48	32.7	2	-	19	18.2	17	17.3	2	31.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11	120.1	10	111.1	1	-	63	41.9	62	42.2	1	-	26	24.9	25	25.5	1	15.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	10.9	1	11.1	-	-	17	11.3	16	10.9	1	-	6	5.7	4	4.1	2	31.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	10.9	1	11.1	-	-	5	3.3	5	3.4	-	-	7	6.7	6	6.1	1	15.6
CONGENITAL ANOMALIES (740-759)	1	10.9	1	11.1	-	-	7	4.7	7	4.8	-	-	3	2.9	3	3.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	10.9	1	11.1	-	-	8	5.3	6	4.1	2	-	5	4.8	4	4.1	1	15.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	10	6.7	10	6.8	-	-	8	7.6	6	6.1	2	31.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	65.5	5	55.6	1	-	53	35.3	51	34.7	2	-	44	42.1	41	41.8	3	46.7
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	10.9	-	-	1	-	24	16.0	24	16.3	-	-	15	14.3	15	15.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	54.6	5	55.6	-	-	29	19.3	27	18.4	2	-	29	27.7	26	26.5	3	46.7
SUICIDE (E950-E959)	1	10.9	1	11.1	-	-	28	18.6	28	19.1	-	-	14	13.4	14	14.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	10.9	1	11.1	-	-	9	6.0	9	6.1	-	-	4	3.8	3	3.1	1	15.6
ALL OTHER CAUSES	11	120.1	11	122.3	-	-	165	109.8	163	111.0	2	-	76	72.7	73	74.4	3	46.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	TIPTON						TROUSDALE						UNICOI					
ESTIMATED POPULATION	ALL RACES 36,534		WHITE 26,649		OTHER RACES 9,885		ALL RACES 6,782		WHITE 5,849		OTHER RACES 933		ALL RACES 16,652		WHITE 16,652		OTHER RACES 0	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	621	17.0	421	15.8	200	20.2	83	12.2	72	12.3	11	11.8	165	9.9	165	9.9	-	-
ILLEGITIMATE BIRTHS	219	35.3	87	20.7	132	66.0	17	20.5	11	15.3	6	54.5	29	17.6	29	17.6	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	44	7.1	17	4.0	27	13.5	4	4.8	4	5.6	-	-	12	7.3	12	7.3	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8	12.9	3	7.1	5	25.0	-	-	-	-	-	-	2	12.1	2	12.1	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	8.1	2	4.8	3	15.0	-	-	-	-	-	-	2	12.1	2	12.1	-	-
UNDER 7 DAYS OF AGE	4	6.4	2	4.8	2	10.0	-	-	-	-	-	-	1	6.1	1	6.1	-	-
7-27 DAYS OF AGE	1	1.6	-	-	1	5.0	-	-	-	-	-	-	1	6.1	1	6.1	-	-
FETAL DEATHS	4	6.4	2	4.8	2	10.0	1	12.0	1	13.9	-	-	1	6.1	1	6.1	-	-
INDUCED ABORTIONS	115	185.2	66	156.4	49	246.2	10	120.5	10	138.9	-	-	17	103.0	17	103.0	-	-
TOTAL DEATHS	338	9.3	241	9.0	97	9.8	65	9.6	49	8.4	16	17.1	191	11.5	190	11.4	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	5.5	1	3.8	1	10.1	1	14.7	1	17.1	-	-	2	12.0	2	12.0	-	-
MALIGNANT NEOPLASMS (140-208)	69	188.9	47	176.4	22	222.6	12	176.9	9	153.9	3	-	32	192.2	32	192.2	-	-
DIABETES MELLITUS (250)	4	10.9	2	7.5	2	20.2	7	103.2	5	85.5	2	-	4	24.0	3	18.0	-	-
DISEASES OF HEART (390-398,402,404-429)	129	353.1	100	375.2	29	293.4	17	250.7	13	222.3	4	-	76	456.4	76	456.4	-	-
CEREBROVASCULAR DISEASE (430-438)	29	79.4	19	71.3	10	101.2	6	88.5	5	85.5	1	-	17	102.1	17	102.1	-	-
ATHEROSCLEROSIS (440)	2	5.5	1	3.8	1	10.1	1	14.7	-	-	1	-	1	6.0	1	6.0	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	27.4	4	15.0	6	60.7	2	29.5	1	17.1	1	-	14	84.1	14	84.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	14	38.3	11	41.3	3	30.3	5	73.7	4	68.4	1	-	7	42.0	7	42.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	8.2	3	11.3	-	-	2	29.5	2	34.2	-	-	1	6.0	1	6.0	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	1	6.0	1	6.0	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	6	16.4	3	11.3	3	30.3	-	-	-	-	-	-	1	6.0	1	6.0	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	5.5	1	3.8	1	10.1	-	-	-	-	-	-	1	6.0	1	6.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	26	71.2	19	71.3	7	70.8	4	59.0	2	34.2	2	-	7	42.0	7	42.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	16	43.8	14	52.5	2	20.2	3	44.2	2	34.2	1	-	1	6.0	1	6.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10	27.4	5	18.8	5	50.6	1	14.7	-	-	1	-	6	36.0	6	36.0	-	-
SUICIDE (E950-E959)	4	10.9	4	15.0	-	-	-	-	-	-	-	-	3	18.0	3	18.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	5.5	1	3.8	1	10.1	-	-	-	-	-	-	2	12.0	2	12.0	-	-
ALL OTHER CAUSES	36	98.5	25	93.8	11	111.3	8	118.0	7	119.7	1	-	22	132.1	22	132.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	UNION						VAN BUREN						WARREN					
ESTIMATED POPULATION	ALL RACES 13,134		WHITE 13,134		OTHER RACES 0		ALL RACES 5,319		WHITE 5,319		OTHER RACES 0		ALL RACES 35,854		WHITE 34,510		OTHER RACES 1,344	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	208	15.8	208	15.8	-	-	48	9.0	48	9.0	-	-	433	12.1	424	12.3	9	6.7
ILLEGITIMATE BIRTHS	30	14.4	30	14.4	-	-	9	18.8	9	18.8	-	-	81	18.7	75	17.7	6	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	6.2	13	6.2	-	-	6	12.5	6	12.5	-	-	34	7.9	33	7.8	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	2	4.6	2	4.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	2	4.6	2	4.7	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	4.6	2	4.7	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	1	2.3	1	2.4	-	-
INDUCED ABORTIONS	38	182.7	37	177.9	1	-	4	83.3	4	83.3	-	-	47	108.5	42	98.4	5	-
TOTAL DEATHS	100	7.6	100	7.6	-	-	44	8.3	44	8.3	-	-	373	10.4	357	10.3	16	11.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	1	2.8	1	2.9	-	-
MALIGNANT NEOPLASMS (140-208)	17	129.4	17	129.4	-	-	6	112.8	6	112.8	-	-	86	239.9	83	240.5	3	-
DIABETES MELLITUS (250)	1	7.6	1	7.6	-	-	2	37.6	2	37.6	-	-	4	11.2	3	8.7	1	-
DISEASES OF HEART (390-398,402,404-429)	31	236.0	31	236.0	-	-	18	338.4	18	338.4	-	-	135	376.5	127	368.0	8	-
CEREBROVASCULAR DISEASE (430-438)	10	76.1	10	76.1	-	-	4	75.2	4	75.2	-	-	30	83.7	30	86.9	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	2	5.6	2	5.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	4	30.5	4	30.5	-	-	1	18.8	1	18.8	-	-	15	41.8	15	43.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6	45.7	6	45.7	-	-	4	75.2	4	75.2	-	-	22	61.4	22	63.7	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	1	18.8	1	18.8	-	-	1	2.8	1	2.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	18.8	1	18.8	-	-	1	2.8	1	2.9	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	2	5.6	2	5.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	7.6	1	7.6	-	-	-	-	-	-	-	-	8	22.3	7	20.3	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	45.7	6	45.7	-	-	6	112.8	6	112.8	-	-	21	58.6	20	58.0	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	7.6	1	7.6	-	-	5	94.0	5	94.0	-	-	14	39.0	13	37.7	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	38.1	5	38.1	-	-	1	18.8	1	18.8	-	-	7	19.5	7	20.3	-	-
SUICIDE (E950-E959)	6	45.7	6	45.7	-	-	-	-	-	-	-	-	7	19.5	7	20.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	22.8	3	22.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	15	114.2	15	114.2	-	-	1	18.8	1	18.8	-	-	38	106.0	36	104.3	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	WASHINGTON						WAYNE						WEAKLEY					
ESTIMATED POPULATION	ALL RACES 95,068		WHITE 91,168		OTHER RACES 3,900		ALL RACES 14,689		WHITE 14,514		OTHER RACES 175		ALL RACES 34,233		WHITE 31,830		OTHER RACES 2,403	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1157	12.2	1093	12.0	64	16.4	215	14.6	214	14.7	1	5.7	383	11.2	344	10.8	39	16.2
ILLEGITIMATE BIRTHS	238	20.6	205	18.8	33	51.6	37	17.2	37	17.3	-	-	73	19.1	50	14.5	23	59.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	90	7.8	81	7.4	9	14.1	14	6.5	14	6.5	-	-	35	9.1	31	9.0	4	10.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	13	11.2	11	10.1	2	31.2	2	9.3	2	9.3	-	-	4	10.4	4	11.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	4.3	4	3.7	1	15.6	2	9.3	2	9.3	-	-	2	5.2	2	5.8	-	-
UNDER 7 DAYS OF AGE	4	3.5	4	3.7	-	-	1	4.7	1	4.7	-	-	2	5.2	2	5.8	-	-
7-27 DAYS OF AGE	1	0.9	-	-	1	15.6	1	4.7	1	4.7	-	-	-	-	-	-	-	-
FETAL DEATHS	3	2.6	2	1.8	1	15.6	-	-	-	-	-	-	4	10.4	3	8.7	1	25.6
INDUCED ABORTIONS	308	266.2	292	264.7	15	277.8	7	32.6	6	28.0	1	-	88	229.8	70	202.3	17	459.5
TOTAL DEATHS	911	9.6	878	9.6	32	8.2	138	9.4	135	9.3	3	17.1	351	10.3	332	10.4	19	7.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	4.2	4	4.4	-	-	-	-	-	-	-	-	3	8.8	3	9.4	-	-
MALIGNANT NEOPLASMS (140-208)	196	206.2	187	205.1	9	-	29	197.4	29	199.8	-	-	61	178.2	58	182.2	3	-
DIABETES MELLITUS (250)	34	35.8	33	36.2	1	-	2	13.6	2	13.8	-	-	7	20.4	6	18.9	1	-
DISEASES OF HEART (390-398,402,404-429)	277	291.4	271	297.3	6	-	39	265.5	37	254.9	2	-	128	373.9	124	389.6	4	-
CEREBROVASCULAR DISEASE (430-438)	57	60.0	54	59.2	3	-	14	95.3	14	96.5	-	-	38	111.0	36	113.1	2	-
ATHEROSCLEROSIS (440)	12	12.6	11	12.1	1	-	4	27.2	3	20.7	1	-	3	8.8	3	9.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	26	27.3	25	27.4	1	-	5	34.0	5	34.4	-	-	5	14.6	5	15.7	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	38	40.0	38	41.7	-	-	5	34.0	5	34.4	-	-	17	49.7	17	53.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	12	12.6	11	12.1	1	-	2	13.6	2	13.8	-	-	2	5.8	2	6.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	6	6.3	6	6.6	-	-	-	-	-	-	-	-	8	23.4	6	18.9	2	-
CONGENITAL ANOMALIES (740-759)	3	3.2	2	2.2	1	-	2	13.6	2	13.8	-	-	2	5.8	2	6.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	6	6.3	6	6.6	-	-	-	-	-	-	-	-	1	2.9	1	3.1	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	28	29.5	28	30.7	-	-	3	20.4	3	20.7	-	-	7	20.4	7	22.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	57	60.0	55	60.3	1	-	14	95.3	14	96.5	-	-	15	43.8	14	44.0	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	22	23.1	22	24.1	-	-	8	54.5	8	55.1	-	-	6	17.5	5	15.7	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	35	36.8	33	36.2	1	-	6	40.8	6	41.3	-	-	9	26.3	9	28.3	-	-
SUICIDE (E950-E959)	10	10.5	10	11.0	-	-	2	13.6	2	13.8	-	-	5	14.6	5	15.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	2.1	1	1.1	1	-	-	-	-	-	-	-	1	2.9	1	3.1	-	-
ALL OTHER CAUSES	143	150.4	136	149.2	7	-	17	115.7	17	117.1	-	-	48	140.2	42	132.0	6	-

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TABLE V(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1989

	WHITE						WILLIAMSON						WILSON					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION	20,749		20,222		527		73,158		67,203		5,955		67,652		61,724		5,928	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	277	13.4	272	13.5	5	9.5	1019	13.9	913	13.6	106	17.8	966	14.3	855	13.9	111	18.7
ILLEGITIMATE BIRTHS	49	17.7	45	16.5	4	-	146	14.3	77	8.4	69	65.1	181	18.7	113	13.2	68	61.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20	7.2	19	7.0	1	-	47	4.6	31	3.4	16	15.1	61	6.3	46	5.4	15	13.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	14.4	4	14.7	-	-	10	9.8	6	6.6	4	37.7	9	9.3	5	5.8	4	36.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	7.2	2	7.4	-	-	9	8.8	5	5.5	4	37.7	6	6.2	4	4.7	2	18.0
UNDER 7 DAYS OF AGE	1	3.6	1	3.7	-	-	9	8.8	5	5.5	4	37.7	6	6.2	4	4.7	2	18.0
7-27 DAYS OF AGE	1	3.6	1	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	3	10.8	3	11.0	-	-	7	6.9	5	5.5	2	18.9	6	6.2	5	5.8	1	9.0
INDUCED ABORTIONS	30	108.3	27	99.3	3	-	139	136.4	117	127.6	21	205.9	134	138.7	122	141.7	11	104.8
TOTAL DEATHS	240	11.6	231	11.4	9	17.1	454	6.2	396	5.9	58	9.7	505	7.5	451	7.3	54	9.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	9.6	2	9.9	-	-	4	5.5	4	6.0	-	-	4	5.9	4	6.5	-	-
MALIGNANT NEOPLASMS (140-208)	57	274.7	53	262.1	4	-	100	136.7	89	132.4	11	184.7	116	171.5	103	166.9	13	219.3
DIABETES MELLITUS (250)	10	48.2	10	49.5	-	-	9	12.3	8	11.9	1	16.8	11	16.3	10	16.2	1	16.9
DISEASES OF HEART (390-398,402,404-429)	95	457.9	91	450.0	4	-	153	209.1	135	200.9	18	302.3	140	206.9	129	209.0	11	185.6
CEREBROVASCULAR DISEASE (430-438)	23	110.8	22	108.8	1	-	38	51.9	34	50.6	4	67.2	55	81.3	51	82.6	4	67.5
ATHEROSCLEROSIS (440)	1	4.8	1	4.9	-	-	3	4.1	3	4.5	-	-	2	3.0	2	3.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	38.6	8	39.6	-	-	5	6.8	5	7.4	-	-	16	23.7	13	21.1	3	50.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9	43.4	9	44.5	-	-	25	34.2	21	31.2	4	67.2	21	31.0	20	32.4	1	16.9
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	2	2.7	2	3.0	-	-	3	4.4	3	4.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	4	5.5	2	3.0	2	33.6	4	5.9	3	4.9	1	16.9
CONGENITAL ANOMALIES (740-759)	1	4.8	1	4.9	-	-	-	-	-	-	-	-	2	3.0	2	3.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	9.6	2	9.9	-	-	9	12.3	5	7.4	4	67.2	6	8.9	3	4.9	3	50.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	9.6	2	9.9	-	-	-	-	-	-	-	-	4	5.9	3	4.9	1	16.9
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	28.9	6	29.7	-	-	28	38.3	25	37.2	3	50.4	34	50.3	30	48.6	4	67.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	14.5	3	14.8	-	-	14	19.1	13	19.3	1	16.8	17	25.1	16	25.9	1	16.9
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	14.5	3	14.8	-	-	14	19.1	12	17.9	2	33.6	17	25.1	14	22.7	3	50.6
SUICIDE (E950-E959)	1	4.8	1	4.9	-	-	9	12.3	8	11.9	1	16.8	5	7.4	5	8.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	4.8	1	4.9	-	-	2	2.7	2	3.0	-	-	4	5.9	2	3.2	2	33.7
ALL OTHER CAUSES	22	106.0	22	108.8	-	-	63	86.1	53	78.9	10	167.9	78	115.3	68	110.2	10	168.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	ATHENS						BARTLETT						BRISTOL					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 13,101		WHITE 11,776		OTHER RACES 1,325		ALL RACES 19,046		WHITE 18,566		OTHER RACES 480		ALL RACES 25,049		WHITE 24,196		OTHER RACES 853	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	163	12.4	146	12.4	17	12.8	300	15.8	283	15.2	17	35.4	267	10.7	258	10.7	9	10.6
ILLEGITIMATE BIRTHS	50	30.7	38	26.0	12	70.6	23	7.7	18	6.4	5	29.4	49	18.4	49	19.0	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	12	7.4	10	6.8	2	11.8	18	6.0	17	6.0	1	5.9	19	7.1	19	7.4	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	2	6.7	2	7.1	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	1	3.3	1	3.5	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	1	3.3	1	3.5	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	6.1	1	6.8	-	-	-	-	-	-	-	-	3	11.2	3	11.6	-	-
INDUCED ABORTIONS	37	227.0	36	243.2	1	66.7	85	283.3	76	267.6	9	562.5	83	310.9	77	296.2	6	-
TOTAL DEATHS	138	10.5	124	10.5	14	10.6	70	3.7	67	3.6	3	6.3	274	10.9	267	11.0	7	8.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	3	12.0	3	12.4	-	-
MALIGNANT NEOPLASMS (140-208)	31	236.6	27	229.3	4	-	18	94.5	17	91.6	1	-	62	247.5	59	243.8	3	-
DIABETES MELLITUS (250)	3	22.9	2	17.0	1	-	1	5.3	1	5.4	-	-	5	20.0	5	20.7	-	-
DISEASES OF HEART (390-398,402,404-429)	44	335.9	39	331.2	5	-	20	105.0	19	102.3	1	-	108	431.2	105	434.0	3	-
CEREBROVASCULAR DISEASE (430-438)	16	122.1	14	118.9	2	-	5	26.3	5	26.9	-	-	21	83.8	21	86.8	-	-
ATHEROSCLEROSIS (440)	3	22.9	3	25.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	4	30.5	4	34.0	-	-	1	5.3	1	5.4	-	-	13	51.9	12	49.6	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	38.2	5	42.5	-	-	6	31.5	6	32.3	-	-	8	31.9	8	33.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	7.6	1	8.5	-	-	1	5.3	1	5.4	-	-	4	16.0	4	16.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	7.6	1	8.5	-	-	-	-	-	-	-	-	1	4.0	1	4.1	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	5.3	1	5.4	-	-	1	4.0	1	4.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	5.3	1	5.4	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	1	5.3	1	5.4	-	-	2	8.0	2	8.3	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	61.1	8	67.9	-	-	7	36.8	6	32.3	1	-	11	43.9	11	45.5	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	5	38.2	5	42.5	-	-	4	21.0	3	16.2	1	-	3	12.0	3	12.4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	22.9	3	25.5	-	-	3	15.8	3	16.2	-	-	8	31.9	8	33.1	-	-
SUICIDE (E950-E959)	2	15.3	2	17.0	-	-	2	10.5	2	10.8	-	-	4	16.0	4	16.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	22.9	3	25.5	-	-	-	-	-	-	-	-	2	8.0	2	8.3	-	-
ALL OTHER CAUSES	17	129.8	15	127.4	2	-	6	31.5	6	32.3	-	-	29	115.8	29	119.9	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	CHATTANOOGA						CLARKSVILLE						CLEVELAND					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION, DECEMBER 1, 1988	185,223		121,038		64,185		65,670		48,813		16,857		33,176		30,656		2,520	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	2617	14.1	1324	10.9	1292	20.1	1675	25.5	1163	23.8	512	30.4	490	14.8	448	14.6	42	16.7
ILLEGITIMATE BIRTHS	1247	47.6	277	20.9	970	75.1	316	18.9	144	12.4	172	33.6	115	23.5	88	19.6	27	64.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	290	11.1	86	6.5	204	15.8	114	6.8	72	6.2	42	8.2	28	5.7	22	4.9	6	14.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	32	12.2	12	9.1	20	15.5	12	7.2	6	5.2	6	11.7	3	6.1	3	6.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	19	7.3	6	4.5	13	10.1	7	4.2	3	2.6	4	7.8	1	2.0	1	2.2	-	-
UNDER 7 DAYS OF AGE	15	5.7	6	4.5	9	7.0	7	4.2	3	2.6	4	7.8	1	2.0	1	2.2	-	-
7-27 DAYS OF AGE	4	1.5	-	-	4	3.1	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	13	5.0	5	3.8	8	6.2	13	7.8	8	6.9	5	9.8	6	12.2	4	8.9	2	47.6
INDUCED ABORTIONS	943	360.3	549	405.2	390	309.3	182	108.7	128	105.4	54	117.1	81	165.3	77	170.4	4	105.3
TOTAL DEATHS	1960	10.6	1325	10.9	634	9.9	410	6.2	321	6.6	89	5.3	358	10.8	342	11.2	16	6.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	16	8.6	11	9.1	5	7.8	4	6.1	4	8.2	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	402	217.0	278	229.7	124	193.2	103	156.8	86	176.2	17	100.8	61	183.9	60	195.7	1	-
DIABETES MELLITUS (250)	50	27.0	24	19.8	26	40.5	6	9.1	4	8.2	2	11.9	10	30.1	7	22.8	3	-
DISEASES OF HEART (390-398,402,404-429).......	729	393.6	495	409.0	234	364.6	124	188.8	97	198.7	27	160.2	125	376.8	120	391.4	5	-
CEREBROVASCULAR DISEASE (430-438).............	135	72.9	86	71.1	49	76.3	41	62.4	31	63.5	10	59.3	30	90.4	29	94.6	1	-
ATHEROSCLEROSIS (440)	17	9.2	12	9.9	5	7.8	-	-	-	-	-	-	4	12.1	2	6.5	2	-
PNEUMONIA AND INFLUENZA (480-487)	81	43.7	61	50.4	20	31.2	11	16.8	7	14.3	4	23.7	15	45.2	15	48.9	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)............	88	47.5	71	58.7	17	26.5	14	21.3	13	26.6	1	5.9	20	60.3	20	65.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	21	11.3	20	16.5	1	1.6	5	7.6	2	4.1	3	17.8	2	6.0	2	6.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	20	10.8	9	7.4	11	17.1	7	10.7	5	10.2	2	11.9	2	6.0	2	6.5	-	-
CONGENITAL ANOMALIES (740-759)	8	4.3	6	5.0	2	3.1	1	1.5	1	2.0	-	-	1	3.0	1	3.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	17	9.2	7	5.8	10	15.6	6	9.1	2	4.1	4	23.7	1	3.0	1	3.3	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	18	9.7	9	7.4	8	12.5	13	19.8	10	20.5	3	17.8	13	39.2	13	42.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	85	45.9	54	44.6	31	48.3	25	38.1	20	41.0	5	29.7	18	54.3	17	55.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	35	18.9	23	19.0	12	18.7	7	10.7	4	8.2	3	17.8	11	33.2	11	35.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	50	27.0	31	25.6	19	29.6	18	27.4	16	32.8	2	11.9	7	21.1	6	19.6	1	-
SUICIDE (E950-E959)	27	14.6	25	20.7	2	3.1	6	9.1	6	12.3	-	-	7	21.1	7	22.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	14	7.6	4	3.3	10	15.6	3	4.6	2	4.1	1	5.9	1	3.0	1	3.3	-	-
ALL OTHER CAUSES	232	125.3	153	126.4	79	123.1	41	62.4	31	63.5	10	59.3	48	144.7	45	146.8	3	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	COLUMBIA						COOKEVILLE						DYERSBURG					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 29,420		WHITE 23,400		OTHER RACES 6,020		ALL RACES 23,865		WHITE 22,677		OTHER RACES 1,188		ALL RACES 17,015		WHITE 13,685		OTHER RACES 3,330	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	450	15.3	335	14.3	115	19.1	278	11.6	258	11.4	20	16.8	284	16.7	209	15.3	75	22.5
ILLEGITIMATE BIRTHS	151	33.6	62	18.5	89	77.4	38	13.7	36	14.0	2	10.0	93	32.7	47	22.5	46	61.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS).....	29	6.4	20	6.0	9	7.8	13	4.7	13	5.0	-	-	30	10.6	19	9.1	11	14.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	6.7	2	6.0	1	8.7	1	3.6	1	3.9	-	-	4	14.1	2	9.6	2	26.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.2	-	-	1	8.7	1	3.6	1	3.9	-	-	1	3.5	-	-	1	13.3
UNDER 7 DAYS OF AGE	1	2.2	-	-	1	8.7	1	3.6	1	3.9	-	-	1	3.5	-	-	1	13.3
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	4	8.9	3	9.0	1	8.7	-	-	-	-	-	-	1	3.5	-	-	1	13.3
INDUCED ABORTIONS	51	113.3	37	108.2	13	120.4	86	309.4	82	316.6	4	210.5	66	232.4	55	255.8	11	159.4
TOTAL DEATHS	293	10.0	223	9.5	70	11.6	178	7.5	174	7.7	4	3.4	230	13.5	186	13.6	44	13.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	6.8	1	4.3	1	16.6	1	4.2	1	4.4	-	-	1	5.9	-	-	1	-
MALIGNANT NEOPLASMS (140-208)	71	241.3	51	217.9	20	332.2	38	159.2	38	167.6	-	-	42	246.8	36	263.1	6	-
DIABETES MELLITUS (250)	4	13.6	2	8.5	2	33.2	3	12.6	3	13.2	-	-	3	17.6	3	21.9	-	-
DISEASES OF HEART (390-398,402,404-429).....	94	319.5	77	329.1	17	282.4	72	301.7	71	313.1	1	-	77	452.5	63	460.4	14	-
CEREBROVASCULAR DISEASE (430-438).....	35	119.0	25	106.8	10	166.1	18	75.4	18	79.4	-	-	14	82.3	10	73.1	4	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	3	12.6	3	13.2	-	-	1	5.9	1	7.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	9	30.6	7	29.9	2	33.2	1	4.2	1	4.4	-	-	8	47.0	8	58.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).....	7	23.8	6	25.6	1	16.6	6	25.1	6	26.5	-	-	8	47.0	6	43.8	2	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	10.2	2	8.5	1	16.6	3	12.6	2	8.8	1	-	2	11.8	1	7.3	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	10.2	2	8.5	1	16.6	1	4.2	1	4.4	-	-	1	5.9	-	-	1	-
CONGENITAL ANOMALIES (740-759)	1	3.4	1	4.3	-	-	-	-	-	-	-	-	3	17.6	3	21.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.4	-	-	1	16.6	1	4.2	1	4.4	-	-	1	5.9	-	-	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	10.2	2	8.5	1	16.6	3	12.6	3	13.2	-	-	17	99.9	10	73.1	7	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13	44.2	12	51.3	1	16.6	3	12.6	3	13.2	-	-	12	70.5	11	80.4	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	20.4	6	25.6	-	-	2	8.4	2	8.8	-	-	7	41.1	7	51.2	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	23.8	6	25.6	1	16.6	1	4.2	1	4.4	-	-	5	29.4	4	29.2	1	-
SUICIDE (E950-E959)	1	3.4	1	4.3	-	-	3	12.6	3	13.2	-	-	3	17.6	3	21.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4	13.6	2	8.5	2	33.2	-	-	-	-	-	-	1	5.9	-	-	1	-
ALL OTHER CAUSES	42	142.8	32	136.8	10	166.1	22	92.2	20	88.2	2	-	36	211.6	31	226.5	5	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	EAST RIDGE						ELIZABETHTON						FRANKLIN					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 22,423		WHITE 22,218		OTHER RACES 205		ALL RACES 13,231		WHITE 12,814		OTHER RACES 417		ALL RACES 16,287		WHITE 12,371		OTHER RACES 3,916	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	141	6.3	139	6.3	2	9.8	159	12.0	151	11.8	8	19.2	355	21.8	285	23.0	70	17.9
ILLEGITIMATE BIRTHS	22	15.6	21	15.1	1	-	40	25.2	35	23.2	5	-	71	20.0	21	7.4	50	71.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	15	10.6	15	10.8	-	-	13	8.2	13	8.6	-	-	25	7.0	14	4.9	11	15.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	14.2	2	14.4	-	-	3	18.9	3	19.9	-	-	5	14.1	3	10.5	2	28.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	1	6.3	1	6.6	-	-	4	11.3	2	7.0	2	28.6
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	1	6.3	1	6.6	-	-	4	11.3	2	7.0	2	28.6
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	7.1	1	7.2	-	-	3	18.9	3	19.9	-	-	4	11.3	2	7.0	2	28.6
INDUCED ABORTIONS	16	113.5	16	114.3	-	-	18	113.2	17	110.4	1	-	62	174.6	53	184.7	9	132.4
TOTAL DEATHS	178	7.9	178	8.0	-	-	175	13.2	169	13.2	6	14.4	193	11.8	152	12.3	41	10.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.5	1	4.5	-	-	1	7.6	1	7.8	-	-	2	12.3	2	16.2	-	-
MALIGNANT NEOPLASMS (140-208)	46	205.1	46	207.0	-	-	36	272.1	35	273.1	1	-	32	196.5	26	210.2	6	-
DIABETES MELLITUS (250)	2	8.9	2	9.0	-	-	7	52.9	6	46.8	1	-	5	30.7	4	32.3	1	-
DISEASES OF HEART (390-398,402,404-429).......	71	316.6	71	319.6	-	-	61	461.0	60	468.2	1	-	66	405.2	54	436.5	12	-
CEREBROVASCULAR DISEASE (430-438).............	8	35.7	8	36.0	-	-	8	60.5	8	62.4	-	-	19	116.7	16	129.3	3	-
ATHEROSCLEROSIS (440)	2	8.9	2	9.0	-	-	1	7.6	1	7.8	-	-	1	6.1	1	8.1	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	35.7	8	36.0	-	-	5	37.8	5	39.0	-	-	2	12.3	2	16.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	5	22.3	5	22.5	-	-	10	75.6	10	78.0	-	-	10	61.4	7	56.6	3	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	1	7.6	1	7.8	-	-	1	6.1	1	8.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	7.6	1	7.8	-	-	2	12.3	-	-	2	-
CONGENITAL ANOMALIES (740-759)	1	4.5	1	4.5	-	-	1	7.6	1	7.8	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	15.1	2	15.6	-	-	4	24.6	2	16.2	2	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	1	7.6	1	7.8	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	26.8	6	27.0	-	-	11	83.1	11	85.8	-	-	13	79.8	11	88.9	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	4.5	1	4.5	-	-	8	60.5	8	62.4	-	-	7	43.0	6	48.5	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	22.3	5	22.5	-	-	3	22.7	3	23.4	-	-	6	36.8	5	40.4	1	-
SUICIDE (E950-E959)	4	17.8	4	18.0	-	-	3	22.7	3	23.4	-	-	4	24.6	3	24.3	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1	4.5	1	4.5	-	-	1	7.6	-	-	1	-	-	-	-	-	-	-
ALL OTHER CAUSES	23	102.6	23	103.5	-	-	25	189.0	23	179.5	2	-	32	196.5	23	185.9	9	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	GALLATIN						GERMANTOWN						GREENEVILLE					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 20,862		WHITE 16,929		OTHER RACES 3,933		ALL RACES 23,350		WHITE 22,740		OTHER RACES 610		ALL RACES 15,171		WHITE 13,853		OTHER RACES 1,318	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	367	17.6	271	16.0	96	24.4	292	12.5	274	12.0	17	27.9	179	11.8	157	11.3	22	16.7
ILLEGITIMATE BIRTHS	120	32.7	54	19.9	66	68.8	19	6.5	16	5.8	3	17.6	69	38.5	52	33.1	17	77.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	26	7.1	14	5.2	12	12.5	11	3.8	11	4.0	-	-	15	8.4	14	8.9	1	4.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7	19.1	4	14.8	3	31.3	-	-	-	-	-	-	3	16.8	3	19.1	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	10.9	3	11.1	1	10.4	-	-	-	-	-	-	3	16.8	3	19.1	-	-
UNDER 7 DAYS OF AGE	4	10.9	3	11.1	1	10.4	-	-	-	-	-	-	2	11.2	2	12.7	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	5.6	1	6.4	-	-
FETAL DEATHS	2	5.4	2	7.4	-	-	3	10.3	2	7.3	1	58.8	1	5.6	1	6.4	-	-
INDUCED ABORTIONS	40	109.0	34	124.1	6	64.5	73	250.0	66	238.3	7	500.0	52	290.5	51	318.8	1	52.6
TOTAL DEATHS	213	10.2	174	10.3	39	9.9	99	4.2	96	4.2	3	4.9	182	12.0	174	12.6	8	6.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	4.3	1	4.4	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	55	263.6	50	295.4	5	-	29	124.2	28	123.1	1	-	39	257.1	35	252.7	4	-
DIABETES MELLITUS (250)	5	24.0	3	17.7	2	-	-	-	-	-	-	-	3	19.8	3	21.7	-	-
DISEASES OF HEART (390-398,402,404-429)	78	373.9	60	354.4	18	-	36	154.2	35	153.9	1	-	71	468.0	70	505.3	1	-
CEREBROVASCULAR DISEASE (430-438)	14	67.1	12	70.9	2	-	4	17.1	4	17.6	-	-	14	92.3	13	93.8	1	-
ATHEROSCLEROSIS (440)	1	4.8	1	5.9	-	-	2	8.6	2	8.8	-	-	2	13.2	2	14.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	7	33.6	6	35.4	1	-	-	-	-	-	-	-	8	52.7	8	57.7	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	10	47.9	9	53.2	1	-	5	21.4	5	22.0	-	-	4	26.4	4	28.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	19.2	2	11.8	2	-	1	4.3	1	4.4	-	-	3	19.8	3	21.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	24.0	4	23.6	1	-	-	-	-	-	-	-	1	6.6	1	7.2	-	-
CONGENITAL ANOMALIES (740-759)	1	4.8	1	5.9	-	-	-	-	-	-	-	-	1	6.6	1	7.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	19.2	3	17.7	1	-	-	-	-	-	-	-	2	13.2	2	14.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	4.8	-	-	1	-	-	-	-	-	-	-	1	6.6	1	7.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	52.7	9	53.2	2	-	5	21.4	4	17.6	1	-	8	52.7	7	50.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	19.2	4	23.6	-	-	2	8.6	2	8.8	-	-	4	26.4	3	21.7	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	33.6	5	29.5	2	-	3	12.8	2	8.8	1	-	4	26.4	4	28.9	-	-
SUICIDE (E950-E959)	2	9.6	2	11.8	-	-	2	8.6	2	8.8	-	-	2	13.2	2	14.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	9.6	1	5.9	1	-	-	-	-	-	-	-	1	6.6	-	-	1	-
ALL OTHER CAUSES	13	62.3	11	65.0	2	-	14	60.0	14	61.6	-	-	22	145.0	22	158.8	-	-

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TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	HENDERSONVILLE						HUMBOLDT						JACKSON					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 33,080		WHITE 32,353		OTHER RACES 727		ALL RACES 10,584		WHITE 6,403		OTHER RACES 4,181		ALL RACES 54,077		WHITE 34,554		OTHER RACES 19,523	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	460	13.9	443	13.7	17	23.4	132	12.5	51	8.0	81	19.4	864	16.0	371	10.7	493	25.3
ILLEGITIMATE BIRTHS	71	15.4	63	14.2	8	47.1	73	55.3	11	21.6	62	76.5	403	46.6	54	14.6	349	70.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	18	3.9	17	3.8	1	5.9	8	6.1	2	3.9	6	7.4	75	8.7	22	5.9	53	10.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	2.2	1	2.3	-	-	-	-	-	-	-	-	14	16.2	5	13.5	9	18.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.2	1	2.3	-	-	-	-	-	-	-	-	9	10.4	3	8.1	6	12.2
UNDER 7 DAYS OF AGE	1	2.2	1	2.3	-	-	-	-	-	-	-	-	9	10.4	3	8.1	6	12.2
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	2.2	1	2.3	-	-	-	-	-	-	-	-	4	4.6	1	2.7	3	6.1
INDUCED ABORTIONS	37	80.4	35	78.1	2	166.7	28	212.1	19	372.5	9	111.1	225	260.4	123	325.4	101	207.8
TOTAL DEATHS	178	5.4	175	5.4	3	4.1	122	11.5	75	11.7	47	11.2	612	11.3	404	11.7	208	10.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	6.0	2	6.2	-	-	-	-	-	-	-	-	4	7.4	2	5.8	2	10.2
MALIGNANT NEOPLASMS (140-208)	53	160.2	51	157.6	2	-	23	217.3	12	187.4	11	-	129	238.5	83	240.2	46	235.6
DIABETES MELLITUS (250)	2	6.0	1	3.1	1	-	4	37.8	2	31.2	2	-	9	16.6	7	20.3	2	10.2
DISEASES OF HEART (390-398,402,404-429)	47	142.1	47	145.3	-	-	46	434.6	31	484.1	15	-	199	368.0	138	399.4	61	312.5
CEREBROVASCULAR DISEASE (430-438)	12	36.3	12	37.1	-	-	10	94.5	4	62.5	6	-	65	120.2	34	98.4	31	158.8
ATHEROSCLEROSIS (440)	1	3.0	1	3.1	-	-	2	18.9	-	-	2	-	8	14.8	5	14.5	3	15.4
PNEUMONIA AND INFLUENZA (480-487)	4	12.1	4	12.4	-	-	7	66.1	5	78.1	2	-	9	16.6	8	23.2	1	5.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	6	18.1	6	18.5	-	-	2	18.9	2	31.2	-	-	24	44.4	22	63.7	2	10.2
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	6.0	2	6.2	-	-	1	9.4	1	15.6	-	-	7	12.9	6	17.4	1	5.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	2	18.9	-	-	2	-	5	9.2	3	8.7	2	10.2
CONGENITAL ANOMALIES (740-759)	1	3.0	1	3.1	-	-	1	9.4	-	-	1	-	5	9.2	2	5.8	3	15.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	6	11.1	2	5.8	4	20.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	-	-	-	-	-	-	29	53.6	19	55.0	10	51.2
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	12	36.3	12	37.1	-	-	5	47.2	4	62.5	1	-	21	38.8	17	49.2	4	20.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	12.1	4	12.4	-	-	3	28.3	2	31.2	1	-	5	9.2	5	14.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	24.2	8	24.7	-	-	2	18.9	2	31.2	-	-	16	29.6	12	34.7	4	20.5
SUICIDE (E950-E959)	4	12.1	4	12.4	-	-	-	-	-	-	-	-	3	5.5	1	2.9	2	10.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.0	1	3.1	-	-	1	9.4	1	15.6	-	-	4	7.4	1	2.9	3	15.4
ALL OTHER CAUSES	31	93.7	31	95.8	-	-	18	170.1	13	203.0	5	-	85	157.2	54	156.3	31	158.8

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TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	JOHNSON CITY						KINGSPORT						KNOXVILLE					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 51,218		WHITE 47,414		OTHER RACES 3,804		ALL RACES 35,288		WHITE 33,005		OTHER RACES 2,283		ALL RACES 187,660		WHITE 155,425		OTHER RACES 32,235	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	565	11.0	510	10.8	55	14.5	484	13.7	445	13.5	39	17.1	2499	13.3	1911	12.3	587	18.2
ILLEGITIMATE BIRTHS	128	22.7	99	19.4	29	52.7	132	27.3	106	23.8	26	66.7	811	32.5	408	21.4	402	68.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	48	8.5	39	7.6	9	16.4	34	7.0	30	6.7	4	10.3	224	9.0	151	7.9	73	12.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	10	17.7	8	15.7	2	36.4	6	12.4	4	9.0	2	51.3	31	12.4	21	11.0	10	17.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	7.1	3	5.9	1	18.2	5	10.3	3	6.7	2	51.3	17	6.8	12	6.3	5	8.5
UNDER 7 DAYS OF AGE	3	5.3	3	5.9	-	-	3	6.2	2	4.5	1	25.6	16	6.4	12	6.3	4	6.8
7-27 DAYS OF AGE	1	1.8	-	-	1	18.2	2	4.1	1	2.2	1	25.6	1	0.4	-	-	1	1.7
FETAL DEATHS	2	3.5	1	2.0	1	18.2	4	8.3	4	9.0	-	-	13	5.2	12	6.3	1	1.7
INDUCED ABORTIONS	203	359.3	190	368.2	12	244.9	171	353.3	163	362.2	8	235.3	1404	561.8	1142	587.4	259	467.5
TOTAL DEATHS	522	10.2	494	10.4	28	7.4	450	12.8	432	13.1	18	7.9	1987	10.6	1700	10.9	287	8.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	5.9	3	6.3	-	-	1	2.8	1	3.0	-	-	6	3.2	4	2.6	2	6.2
MALIGNANT NEOPLASMS (140-208)	103	201.1	95	200.4	8	-	117	331.6	110	333.3	7	-	456	243.0	400	257.4	56	173.7
DIABETES MELLITUS (250)	23	44.9	22	46.4	1	-	8	22.7	8	24.2	-	-	40	21.3	35	22.5	5	15.5
DISEASES OF HEART (390-398,402,404-429)	141	275.3	135	284.7	6	-	157	444.9	153	463.6	4	-	545	290.4	464	298.5	81	251.3
CEREBROVASCULAR DISEASE (430-438)	40	78.1	37	78.0	3	-	27	76.5	27	81.8	-	-	122	65.0	108	69.5	14	43.4
ATHEROSCLEROSIS (440)	8	15.6	8	16.9	-	-	3	8.5	3	9.1	-	-	46	24.5	41	26.4	5	15.5
PNEUMONIA AND INFLUENZA (480-487)	15	29.3	14	29.5	1	-	15	42.5	14	42.4	1	-	61	32.5	54	34.7	7	21.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	21	41.0	21	44.3	-	-	27	76.5	26	78.8	1	-	72	38.4	68	43.8	4	12.4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	13.7	6	12.7	1	-	5	14.2	5	15.1	-	-	25	13.3	23	14.8	2	6.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	3.9	2	4.2	-	-	2	5.7	2	6.1	-	-	14	7.5	10	6.4	4	12.4
CONGENITAL ANOMALIES (740-759)	2	3.9	1	2.1	1	-	1	2.8	1	3.0	-	-	9	4.8	5	3.2	4	12.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5	9.8	5	10.5	-	-	3	8.5	1	3.0	2	-	12	6.4	8	5.1	4	12.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	19	37.1	19	40.1	-	-	3	8.5	3	9.1	-	-	181	96.5	141	90.7	40	124.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	39	76.1	38	80.1	1	-	14	39.7	13	39.4	1	-	60	32.0	55	35.4	5	15.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	13	25.4	13	27.4	-	-	5	14.2	5	15.1	-	-	34	18.1	33	21.2	1	3.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	26	50.8	25	52.7	1	-	9	25.5	8	24.2	1	-	26	13.9	22	14.2	4	12.4
SUICIDE (E950-E959)	3	5.9	3	6.3	-	-	6	17.0	6	18.2	-	-	30	16.0	27	17.4	3	9.3
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	3.9	1	2.1	1	-	3	8.5	3	9.1	-	-	28	14.9	17	10.9	11	34.1
ALL OTHER CAUSES	89	173.8	84	177.2	5	-	58	164.4	56	169.7	2	-	280	149.2	240	154.4	40	124.1

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	LAWRENCEBURG						LEBANON						MCMINNVILLE					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION, DECEMBER 1, 1988	10,970		10,518		452		17,804		14,810		2,994		12,919		12,292		627	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	141	12.9	137	13.0	4	8.8	240	13.5	180	12.2	60	20.0	150	11.6	143	11.6	7	11.2
ILLEGITIMATE BIRTHS	31	22.0	28	20.4	3	-	80	33.3	37	20.6	43	71.7	35	23.3	30	21.0	5	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	12	8.5	12	8.8	-	-	19	7.9	10	5.6	9	15.0	12	8.0	11	7.7	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	14.2	2	14.6	-	-	4	16.7	1	5.6	3	50.0	1	6.7	1	7.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	7.1	1	7.3	-	-	2	8.3	1	5.6	1	16.7	1	6.7	1	7.0	-	-
UNDER 7 DAYS OF AGE	1	7.1	1	7.3	-	-	2	8.3	1	5.6	1	16.7	1	6.7	1	7.0	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	1	4.2	1	5.6	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	19	134.8	16	115.9	2	-	41	170.8	36	200.0	4	66.7	24	160.0	19	131.0	5	-
TOTAL DEATHS	140	12.8	139	13.2	1	2.2	197	11.1	167	11.3	30	10.0	178	13.8	170	13.8	8	12.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	9.1	1	9.5	-	-	1	5.6	1	6.8	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	27	246.1	27	256.7	-	-	38	213.4	35	236.3	3	-	45	348.3	43	349.8	2	-
DIABETES MELLITUS (250)	2	18.2	2	19.0	-	-	6	33.7	5	33.8	1	-	4	31.0	3	24.4	1	-
DISEASES OF HEART (390-398,402,404-429)	66	601.6	65	618.0	1	-	56	314.5	48	324.1	8	-	60	464.4	57	463.7	3	-
CEREBROVASCULAR DISEASE (430-438)	6	54.7	6	57.0	-	-	25	140.4	22	148.5	3	-	14	108.4	14	113.9	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	1	7.7	1	8.1	-	-
PNEUMONIA AND INFLUENZA (480-487)	5	45.6	5	47.5	-	-	5	28.1	3	20.3	2	-	8	61.9	8	65.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	45.6	5	47.5	-	-	7	39.3	7	47.3	-	-	12	92.9	12	97.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	9.1	1	9.5	-	-	1	5.6	1	6.8	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	5.6	1	6.8	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	9.1	1	9.5	-	-	1	5.6	1	6.8	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	9.1	1	9.5	-	-	2	11.2	-	-	2	-	1	7.7	1	8.1	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	3	16.9	2	13.5	1	-	4	31.0	4	32.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	72.9	8	76.1	-	-	5	28.1	3	20.3	2	-	9	69.7	9	73.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	2	18.2	2	19.0	-	-	3	16.9	2	13.5	1	-	7	54.2	7	56.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	54.7	6	57.0	-	-	2	11.2	1	6.8	1	-	2	15.5	2	16.3	-	-
SUICIDE (E950-E959)	1	9.1	1	9.5	-	-	2	11.2	2	13.5	-	-	4	31.0	4	32.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	9.1	1	9.5	-	-	4	22.5	2	13.5	2	-	-	-	-	-	-	-
ALL OTHER CAUSES	15	136.7	15	142.6	-	-	40	224.7	34	229.6	6	-	16	123.8	14	113.9	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	MARYVILLE						MEMPHIS						MILLINGTON					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION, DECEMBER 1, 1988	19,316		18,680		636		712,912		339,632		373,280		21,195		17,088		4,107	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	306	15.8	285	15.3	21	33.0	12450	17.5	3878	11.4	8570	23.0	413	19.5	269	15.7	144	35.1
ILLEGITIMATE BIRTHS	63	20.6	52	18.2	11	52.4	6780	54.5	612	15.8	6167	72.0	93	22.5	33	12.3	60	41.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	19	6.2	17	6.0	2	9.5	1445	11.6	228	5.9	1216	14.2	37	9.0	19	7.1	18	12.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	3.3	1	3.5	-	-	207	16.6	40	10.3	167	19.5	7	16.9	4	14.9	3	20.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.3	1	3.5	-	-	144	11.6	24	6.2	120	14.0	6	14.5	3	11.2	3	20.8
UNDER 7 DAYS OF AGE	1	3.3	1	3.5	-	-	116	9.3	19	4.9	97	11.3	4	9.7	1	3.7	3	20.8
7-27 DAYS OF AGE	-	-	-	-	-	-	28	2.2	5	1.3	23	2.7	2	4.8	2	7.4	-	-
FETAL DEATHS	2	6.5	2	7.0	-	-	76	6.1	11	2.8	65	7.6	1	2.4	1	3.7	-	-
INDUCED ABORTIONS	110	359.5	107	371.5	3	166.7	6069	487.5	1970	501.4	4086	479.6	101	244.6	69	248.2	32	237.0
TOTAL DEATHS	231	12.0	227	12.2	4	6.3	6589	9.2	3394	10.0	3195	8.6	101	4.8	81	4.7	20	4.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	20.7	4	21.4	-	-	87	12.2	27	7.9	60	16.1	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	57	295.1	56	299.8	1	-	1520	213.2	823	242.3	697	186.7	31	146.3	29	169.7	2	-
DIABETES MELLITUS (250)	2	10.4	2	10.7	-	-	122	17.1	48	14.1	74	19.8	-	-	-	-	-	-
DISEASES OF HEART (390-398,402,404-429)........	81	419.3	79	422.9	2	-	2130	298.8	1137	334.8	993	266.0	21	99.1	17	99.5	4	-
CEREBROVASCULAR DISEASE (430-438)........	21	108.7	21	112.4	-	-	532	74.6	258	76.0	274	73.4	7	33.0	6	35.1	1	-
ATHEROSCLEROSIS (440)	4	20.7	4	21.4	-	-	23	3.2	13	3.8	10	2.7	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	41.4	7	37.5	1	-	260	36.5	163	48.0	97	26.0	-	-	-	-	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)........	6	31.1	6	32.1	-	-	215	30.2	152	44.8	63	16.9	4	18.9	4	23.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	56	7.9	26	7.7	30	8.0	3	14.2	2	11.7	1	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	10.4	2	10.7	-	-	55	7.7	25	7.4	30	8.0	1	4.7	1	5.9	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	42	5.9	19	5.6	23	6.2	3	14.2	-	-	3	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	5.2	1	5.4	-	-	126	17.7	16	4.7	110	29.5	4	18.9	3	17.6	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7	36.2	7	37.5	-	-	78	10.9	30	8.8	48	12.9	2	9.4	2	11.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	31.1	6	32.1	-	-	248	34.8	133	39.2	115	30.8	5	23.6	3	17.6	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	20.7	4	21.4	-	-	111	15.6	64	18.8	47	12.6	1	4.7	1	5.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	10.4	2	10.7	-	-	137	19.2	69	20.3	68	18.2	4	18.9	2	11.7	2	-
SUICIDE (E950-E959)	2	10.4	2	10.7	-	-	94	13.2	66	19.4	28	7.5	3	14.2	3	17.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	-	-	-	-	-	-	159	22.3	26	7.7	133	35.6	3	14.2	2	11.7	1	-
ALL OTHER CAUSES	30	155.3	30	160.6	-	-	842	118.1	432	127.2	410	109.8	14	66.1	9	52.7	5	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	MORRISTOWN						MURFREESBORO						NASHVILLE					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
ESTIMATED POPULATION, DECEMBER 1, 1988	24,016		21,597		2,419		38,291		32,176		6,115		505,095		376,318		128,777	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	346	14.4	293	13.6	53	21.9	649	16.9	502	15.6	146	23.9	8740	17.3	5874	15.6	2861	22.2
ILLEGITIMATE BIRTHS	106	30.6	78	26.6	28	52.8	186	28.7	99	19.7	86	58.9	2895	33.1	1042	17.7	1852	64.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	41	11.8	27	9.2	14	26.4	64	9.9	45	9.0	19	13.0	768	8.8	384	6.5	384	13.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	14.5	2	6.8	3	56.6	5	7.7	5	10.0	-	-	91	10.4	45	7.7	46	16.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	11.6	2	6.8	2	37.7	3	4.6	3	6.0	-	-	51	5.8	27	4.6	24	8.4
UNDER 7 DAYS OF AGE	3	8.7	2	6.8	1	18.9	3	4.6	3	6.0	-	-	45	5.1	24	4.1	21	7.3
7-27 DAYS OF AGE	1	2.9	-	-	1	18.9	-	-	-	-	-	-	6	0.7	3	0.5	3	1.0
FETAL DEATHS	2	5.8	2	6.8	-	-	2	3.1	2	4.0	-	-	48	5.5	30	5.1	18	6.3
INDUCED ABORTIONS	100	289.0	93	307.9	7	159.1	157	241.9	118	229.1	39	293.2	2030	232.3	1291	215.9	734	266.6
TOTAL DEATHS	283	11.8	256	11.9	27	11.2	383	10.0	320	9.9	63	10.3	4554	9.0	3465	9.2	1089	8.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.2	1	4.6	-	-	3	7.8	2	6.2	1	16.4	19	3.8	11	2.9	8	6.2
MALIGNANT NEOPLASMS (140-208)	53	220.7	48	222.3	5	-	97	253.3	80	248.6	17	278.0	1071	212.0	813	216.0	258	200.3
DIABETES MELLITUS (250)	4	16.7	3	13.9	1	-	7	18.3	4	12.4	3	49.1	101	20.0	56	14.9	45	34.9
DISEASES OF HEART (390-398,402,404-429)	103	428.9	94	435.2	9	-	120	313.4	99	307.7	21	343.4	1533	303.5	1202	319.4	331	257.0
CEREBROVASCULAR DISEASE (430-438)	37	154.1	34	157.4	3	-	37	96.6	32	99.5	5	81.8	329	65.1	257	68.3	72	55.9
ATHEROSCLEROSIS (440)	4	16.7	3	13.9	1	-	1	2.6	1	3.1	-	-	23	4.6	21	5.6	2	1.6
PNEUMONIA AND INFLUENZA (480-487)	10	41.6	9	41.7	1	-	10	26.1	8	24.9	2	32.7	163	32.3	132	35.1	31	24.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	14	58.3	14	64.8	-	-	12	31.3	11	34.2	1	16.4	181	35.8	144	38.3	37	28.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	12.5	3	13.9	-	-	3	7.8	2	6.2	1	16.4	47	9.3	31	8.2	16	12.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	4.2	1	4.6	-	-	2	5.2	2	6.2	-	-	40	7.9	26	6.9	14	10.9
CONGENITAL ANOMALIES (740-759)	1	4.2	1	4.6	-	-	-	-	-	-	-	-	22	4.4	14	3.7	8	6.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	12.5	1	4.6	2	-	3	7.8	3	9.3	-	-	44	8.7	21	5.6	23	17.9
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	16.7	3	13.9	1	-	1	2.6	1	3.1	-	-	33	6.5	22	5.8	11	8.5
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	45.8	10	46.3	1	-	24	62.7	21	65.3	3	49.1	213	42.2	166	44.1	47	36.5
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	29.1	6	27.8	1	-	12	31.3	12	37.3	-	-	100	19.8	78	20.7	22	17.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	16.7	4	18.5	-	-	12	31.3	9	28.0	3	49.1	113	22.4	88	23.4	25	19.4
SUICIDE (E950-E959)	5	20.8	5	23.2	-	-	3	7.8	2	6.2	1	16.4	65	12.9	57	15.1	8	6.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	8.3	2	9.3	-	-	2	5.2	1	3.1	1	16.4	72	14.3	37	9.8	35	27.2
ALL OTHER CAUSES	27	112.4	24	111.1	3	-	58	151.5	51	158.5	7	114.5	598	118.4	455	120.9	143	111.0

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	OAK RIDGE						PARIS						RED BANK					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 29,482		WHITE 26,427		OTHER RACES 3,055		ALL RACES 11,605		WHITE 9,230		OTHER RACES 2,375		ALL RACES 14,088		WHITE 13,455		OTHER RACES 633	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	260	8.8	213	8.1	47	15.4	115	9.9	86	9.3	29	12.2	43	3.1	39	2.9	4	6.3
ILLEGITIMATE BIRTHS	61	23.5	33	15.5	28	59.6	52	45.2	31	36.0	21	72.4	12	27.9	9	23.1	3	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	20	7.7	17	8.0	3	6.4	14	12.2	10	11.6	4	13.8	4	9.3	3	7.7	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	11.5	1	4.7	2	42.6	3	26.1	2	23.3	1	34.5	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	7.7	-	-	2	42.6	-	-	-	-	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	2	7.7	-	-	2	42.6	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	7.7	1	4.7	1	21.3	1	8.7	-	-	1	34.5	-	-	-	-	-	-
INDUCED ABORTIONS	70	269.2	56	258.1	13	302.3	41	356.5	27	306.8	14	518.5	18	418.6	14	341.5	4	-
TOTAL DEATHS	259	8.8	242	9.2	17	5.6	171	14.7	138	15.0	33	13.9	87	6.2	85	6.3	2	3.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	8.6	1	10.8	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	65	220.5	62	234.6	3	-	37	318.8	28	303.4	9	-	19	134.9	19	141.2	-	-
DIABETES MELLITUS (250)	7	23.7	7	26.5	-	-	4	34.5	3	32.5	1	-	3	21.3	2	14.9	1	-
DISEASES OF HEART (390-398,402,404-429).......	65	220.5	58	219.5	7	-	72	620.4	58	628.4	14	-	31	220.0	31	230.4	-	-
CEREBROVASCULAR DISEASE (430-438).............	21	71.2	20	75.7	1	-	17	146.5	15	162.5	2	-	8	56.8	8	59.5	-	-
ATHEROSCLEROSIS (440)	2	6.8	2	7.6	-	-	1	8.6	1	10.8	-	-	1	7.1	1	7.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	11	37.3	10	37.8	1	-	5	43.1	5	54.2	-	-	1	7.1	1	7.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	12	40.7	12	45.4	-	-	3	25.9	2	21.7	1	-	6	42.6	6	44.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	3.4	1	3.8	-	-	2	17.2	1	10.8	1	-	1	7.1	1	7.4	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.4	1	3.8	-	-	3	25.9	3	32.5	-	-	1	7.1	1	7.4	-	-
CONGENITAL ANOMALIES (740-759)	2	6.8	2	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	6.8	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11	37.3	11	41.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	33.9	10	37.8	-	-	4	34.5	4	43.3	-	-	1	7.1	1	7.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	23.7	7	26.5	-	-	1	8.6	1	10.8	-	-	1	7.1	1	7.4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	10.2	3	11.4	-	-	3	25.9	3	32.5	-	-	-	-	-	-	-	-
SUICIDE (E950-E959)	4	13.6	3	11.4	1	-	2	17.2	1	10.8	1	-	3	21.3	3	22.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	1	3.4	-	-	1	-	2	17.2	-	-	2	-	1	7.1	-	-	1	-
ALL OTHER CAUSES	44	149.2	43	162.7	1	-	18	155.1	16	173.3	2	-	11	78.1	11	81.8	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	SHELBYVILLE						SPRINGFIELD						TULLAHOMA					
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 14,906		WHITE 12,334		OTHER RACES 2,572		ALL RACES 12,667		WHITE 8,457		OTHER RACES 4,210		ALL RACES 17,550		WHITE 16,242		OTHER RACES 1,308	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	208	14.0	172	13.9	36	14.0	201	15.9	126	14.9	75	17.8	260	14.8	226	13.9	34	26.0
ILLEGITIMATE BIRTHS	71	34.1	45	26.2	26	72.2	79	39.3	25	19.8	54	72.0	75	28.8	55	24.3	20	58.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	17	8.2	14	8.1	3	8.3	17	8.5	6	4.8	11	14.7	20	7.7	15	6.6	5	14.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	4.8	1	5.8	-	-	1	5.0	-	-	1	13.3	4	15.4	3	13.3	1	29.4
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	4.8	1	5.8	-	-	1	5.0	-	-	1	13.3	1	3.8	1	4.4	-	-
UNDER 7 DAYS OF AGE	1	4.8	1	5.8	-	-	1	5.0	-	-	1	13.3	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	3.8	1	4.4	-	-
FETAL DEATHS	5	24.0	4	23.3	1	27.8	1	5.0	-	-	1	13.3	1	3.8	1	4.4	-	-
INDUCED ABORTIONS	12	57.7	11	62.9	1	30.3	23	114.4	13	102.4	10	135.1	16	61.5	14	59.8	2	76.9
TOTAL DEATHS	169	11.3	152	12.3	17	6.6	150	11.8	104	12.3	46	10.9	175	10.0	159	9.8	16	12.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	3	17.1	2	12.3	1	-
MALIGNANT NEOPLASMS (140-208)	41	275.1	38	308.1	3	-	34	268.4	27	319.3	7	-	38	216.5	36	221.6	2	-
DIABETES MELLITUS (250)	4	26.8	3	24.3	1	-	4	31.6	3	35.5	1	-	5	28.5	3	18.5	2	-
DISEASES OF HEART (390-398,402,404-429)	55	369.0	45	364.8	10	-	44	347.4	34	402.0	10	-	62	353.3	55	338.6	7	-
CEREBROVASCULAR DISEASE (430-438)	21	140.9	21	170.3	-	-	15	118.4	7	82.8	8	-	19	108.3	19	117.0	-	-
ATHEROSCLEROSIS (440)	1	6.7	1	8.1	-	-	3	23.7	3	35.5	-	-	2	11.4	2	12.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	1	6.7	1	8.1	-	-	3	23.7	2	23.6	1	-	6	34.2	5	30.8	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	3	20.1	3	24.3	-	-	8	63.2	7	82.8	1	-	9	51.3	9	55.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	6.7	1	8.1	-	-	2	15.8	2	23.6	-	-	4	22.8	4	24.6	-	-
NEPHRITIS, ~~NEPHROTIC SYNDROME~~, AND NEPHROSIS (580-589)	2	13.4	2	16.2	-	-	2	15.8	2	23.6	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	3	20.1	3	24.3	-	-	1	7.9	-	-	1	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	6.7	1	8.1	-	-	-	-	-	-	-	-	2	11.4	1	6.2	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	6.7	1	8.1	-	-	2	15.8	1	11.8	1	-	1	5.7	1	6.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	53.7	8	64.9	-	-	3	23.7	1	11.8	2	-	5	28.5	4	24.6	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	40.3	6	48.6	-	-	2	15.8	1	11.8	1	-	2	11.4	1	6.2	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	13.4	2	16.2	-	-	1	7.9	-	-	1	-	3	17.1	3	18.5	-	-
SUICIDE (E950-E959)	2	13.4	2	16.2	-	-	2	15.8	2	23.6	-	-	3	17.1	3	18.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	4	31.6	1	11.8	3	-	-	-	-	-	-	-
ALL OTHER CAUSES	25	167.7	22	178.4	3	-	23	181.6	12	141.9	11	-	16	91.2	15	92.4	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1989

	UNION CITY																	
ESTIMATED POPULATION, DECEMBER 1, 1988	ALL RACES 11,373		WHITE 8,919		OTHER RACES 2,454		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	155	13.6	112	12.6	43	17.5												
ILLEGITIMATE BIRTHS	42	27.1	13	11.6	29	67.4												
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	11	7.1	7	6.3	4	9.3												
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-												
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-												
UNDER 7 DAYS OF AGE	-	-	-	-	-	-												
7-27 DAYS OF AGE	-	-	-	-	-	-												
FETAL DEATHS	-	-	-	-	-	-												
INDUCED ABORTIONS	27	174.2	18	157.9	8	195.1												
TOTAL DEATHS	170	14.9	131	14.7	39	15.9												
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-												
MALIGNANT NEOPLASMS (140-208)	31	272.6	22	246.7	9	-												
DIABETES MELLITUS (250)	2	17.6	1	11.2	1	-												
DISEASES OF HEART (390-398,402,404-429)	67	589.1	54	605.4	13	-												
CEREBROVASCULAR DISEASE (430-438)	14	123.1	12	134.5	2	-												
ATHEROSCLEROSIS (440)	12	105.5	8	89.7	4	-												
PNEUMONIA AND INFLUENZA (480-487)	3	26.4	2	22.4	1	-												
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4	35.2	3	33.6	1	-												
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	8.8	1	11.2	-	-												
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	8.8	1	11.2	-	-												
CONGENITAL ANOMALIES (740-759)	1	8.8	1	11.2	-	-												
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-												
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-												
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9	79.1	6	67.3	3	-												
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	61.5	4	44.8	3	-												
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	17.6	2	22.4	-	-												
SUICIDE (E950-E959)	4	35.2	4	44.8	-	-												
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	8.8	-	-	1	-												
ALL OTHER CAUSES	20	175.9	16	179.4	4	-												

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 97 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII-SELECTED DATA ON MARRIAGES AND DIVORCES BY RECORDED COUNTY, RECORDED DATA, TENNESSEE, 1989

County	Recorded Marriages Number	Recorded Marriages Persons Married	Recorded Marriages Rate	Recorded Divorces Number	Recorded Divorces Persons Divorced	Recorded Divorces Rate	County	Recorded Marriages Number	Recorded Marriages Persons Married	Recorded Marriages Rate	Recorded Divorces Number	Recorded Divorces Persons Divorced	Recorded Divorces Rate
Total	64,990	129,980	25.9	31,853	63,706	12.7	Lake	99	198	26.5	50	100	13.4
							Lauderdale	379	758	27.3	194	388	14.0
Anderson	847	1,694	23.8	382	764	10.7	Lawrence	434	868	23.6	232	464	12.8
Bedford	403	806	27.2	270	540	18.2	Lewis	133	266	22.6	61	122	10.4
Benton	202	404	25.4	108	216	13.6	Lincoln	662	1,324	48.0	227	454	16.5
Bledsoe	109	218	20.8	47	94	9.0	Loudon	402	804	26.5	217	434	14.3
Blount	938	1,876	22.2	607	1,214	14.4	McMinn	555	1,110	24.6	287	574	12.7
Bradley	991	1,982	25.8	642	1,284	16.7	McNairy	374	748	30.2	151	302	12.2
Campbell	942	1,884	47.4	200	400	10.1	Macon	221	442	25.3	105	210	12.0
Cannon	194	388	35.6	44	88	8.1	Madison	867	1,734	21.4	515	1,030	12.7
Carroll	338	676	22.9	213	426	14.4	Marion	396	792	30.2	182	364	13.9
Carter	660	1,320	24.8	365	730	13.7	Marshall	285	570	27.3	171	342	16.4
Cheatham	184	368	13.7	212	424	15.8	Maury	592	1,184	21.3	400	800	14.4
Chester	205	410	29.2	151	302	21.5	Meigs	116	232	27.0	60	120	14.0
Claiborne	425	850	31.3	100	200	7.4	Monroe	392	784	24.9	221	442	14.1
Clay	173	346	43.3	25	50	6.3	Montgomery	1,583	3,166	31.8	882	1,764	17.7
Cocke	481	962	31.8	213	426	14.1	Moore	71	142	27.7	29	58	11.3
Coffee	477	954	23.0	279	558	13.4	Morgan	254	508	27.8	115	230	12.6
Crockett	180	360	23.5	88	176	11.5	Obion	377	754	21.9	229	458	13.3
Cumberland	479	958	29.6	263	526	16.3	Overton	235	470	25.2	89	178	9.6
Davidson	6,085	12,170	24.1	3,257	6,514	12.9	Perry	80	160	24.8	37	74	11.4
Decatur	149	298	26.0	62	124	10.8	Pickett	91	182	38.3	21	42	8.8
DeKalb	187	374	25.4	124	248	16.9	Polk	293	586	40.1	60	120	8.2
Dickson	466	932	27.2	230	460	13.4	Putnam	617	1,234	23.3	328	656	12.4
Dyer	522	1,044	28.1	338	676	18.2	Rhea	307	614	21.8	200	400	14.2
Fayette	260	520	18.5	154	308	11.0	Roane	473	946	17.9	289	578	10.9
Fentress	224	448	28.1	105	210	13.2	Robertson	1,695	3,390	80.6	248	496	11.8
Franklin	359	718	20.9	209	418	12.2	Rutherford	1,125	2,250	22.9	712	1,424	14.5
Gibson	611	1,222	24.2	361	722	14.3	Scott	250	500	22.9	59	118	5.4
Giles	453	906	34.3	168	336	12.7	Sequatchie	161	322	33.9	64	128	13.5
Grainger	182	364	20.2	110	220	12.2	Sevier	6,789	13,578	280.7	395	790	16.3
Greene	669	1,338	23.2	490	980	17.0	Shelby	8,127	16,254	19.1	3,896	7,792	9.2
Grundy	158	316	20.3	84	168	10.8	Smith	151	302	18.7	97	194	12.0
Hamblen	770	1,540	28.3	403	806	14.8	Stewart	156	312	34.1	64	128	14.0
Hamilton	3,070	6,140	19.8	1,923	3,846	12.4	Sullivan	1,647	3,294	21.9	918	1,836	12.2
Hancock	97	194	27.4	21	42	5.9	Sumner	1,053	2,106	20.1	606	1,212	11.6
Hardeman	271	542	21.1	127	254	9.9	Tipton	560	1,120	30.7	556	1,112	30.4
Hardin	352	704	29.1	165	330	13.6	Trousdale	178	356	52.5	40	80	11.8
Hawkins	454	908	18.7	346	692	14.3	Unicoi	206	412	24.7	106	212	12.7
Haywood	222	444	20.2	157	314	14.3	Union	199	398	30.3	56	112	8.5
Henderson	285	570	24.3	174	348	14.8	Van Buren	55	110	20.7	32	64	12.0
Henry	329	658	21.4	185	370	12.0	Warren	377	754	21.0	235	470	13.1
Hickman	154	308	18.7	92	184	11.1	Washington	968	1,936	20.4	581	1,162	12.2
Houston	88	176	24.0	25	50	6.8	Wayne	172	344	23.4	86	172	11.7
Humphreys	187	374	21.7	98	196	11.4	Weakley	317	634	18.5	232	464	13.6
Jackson	138	276	28.1	47	94	9.6	White	260	520	25.1	148	296	14.3
Jefferson	349	698	20.6	250	500	14.8	Williamson	623	1,246	17.0	453	906	12.4
Johnson	238	476	32.3	131	262	17.8	Wilson	686	1,372	20.3	386	772	11.4
Knox	3,346	6,692	19.7	2,486	4,972	14.6	Other States++	44	88	-	-	-	-

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

++Includes those who received a license in Tennessee but were married in another state.

TABLE VIII–BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, RECORDED DATA, TENNESSEE, 1989

County	Births		Infant Deaths		Deaths	
	Number	Rate	Number	Rate	Number	Rate
Total	77,678	15.5	890	11.5	48,515	9.7
Anderson	872	12.2	3	3.4	673	9.4
Bedford	268	9.0	1	3.7	229	7.7
Benton	1	0.1	1	*	164	10.3
Bledsoe	–	–	–	–	69	6.6
Blount	825	9.8	2	2.4	663	7.9
Bradley	1,154	15.0	5	4.3	650	8.5
Campbell	318	8.0	–	–	347	8.7
Cannon	6	0.6	–	–	77	7.1
Carroll	405	13.7	1	2.5	300	10.2
Carter	421	7.9	3	7.1	331	6.2
Cheatham	3	0.1	1	*	96	3.6
Chester	1	0.1	–	–	53	3.8
Claiborne	5	0.2	1	*	235	8.6
Clay	–	–	1	*	47	5.9
Cocke	228	7.5	–	–	235	7.8
Coffee	688	16.6	4	5.8	362	8.7
Crockett	–	–	–	–	66	4.3
Cumberland	731	22.6	4	5.5	331	10.2
Davidson	12,576	24.9	177	14.1	6,480	12.8
Decatur	–	–	1	*	97	8.5
DeKalb	117	8.0	–	–	167	11.4
Dickson	425	12.4	4	9.4	335	9.8
Dyer	836	22.5	5	6.0	363	9.8
Fayette	164	5.8	2	12.2	181	6.4
Fentress	–	–	–	–	120	7.5
Franklin	499	14.5	–	–	374	10.9
Gibson	353	7.0	7	19.8	454	9.0
Giles	75	2.8	2	26.7	212	8.0
Grainger	–	–	–	–	61	3.4
Greene	815	14.1	5	6.1	501	8.7
Grundy	42	2.7	–	–	43	2.8
Hamblen	919	16.9	4	4.4	448	8.2
Hamilton	6,104	19.7	65	10.6	3,300	10.6
Hancock	8	1.1	1	*	46	6.5
Hardeman	1	0.0	2	*	178	6.9
Hardin	209	8.6	2	9.6	184	7.6
Hawkins	89	1.8	–	–	205	4.2
Haywood	209	9.5	1	4.8	148	6.7
Henderson	63	2.7	–	–	146	6.2
Henry	9	0.3	2	*	319	10.4
Hickman	4	0.2	1	*	109	6.6
Houston	1	0.1	–	–	125	17.1
Humphreys	1	0.1	1	*	82	4.8
Jackson	–	–	–	–	72	7.3
Jefferson	1	0.0	1	*	219	6.5
Johnson	–	–	–	–	71	4.8
Knox	7,432	21.8	111	14.9	4,164	12.2
Lake	–	–	–	–	5	0.7
Lauderdale	1	0.0	2	*	207	7.5
Lawrence	454	12.4	1	2.2	290	7.9
Lewis	62	5.3	–	–	73	6.2
Lincoln	257	9.3	2	7.8	238	8.6
Loudon	164	5.4	2	12.2	188	6.2
McMinn	389	8.6	2	5.1	399	8.9
McNairy	116	4.7	1	8.6	176	7.1
Macon	2	0.1	1	*	91	5.2
Madison	2,959	36.5	11	3.7	1,498	18.5
Marion	2	0.1	1	*	215	8.2
Marshall	65	3.1	1	15.4	192	9.2
Maury	1,449	26.0	6	4.1	552	9.9
Meigs	–	–	–	–	34	4.0
Monroe	210	6.7	2	9.5	212	6.7
Montgomery	2,638	26.5	15	5.7	571	5.7
Moore	1	0.2	–	–	6	1.2
Morgan	1	0.1	–	–	58	3.2
Obion	528	15.3	1	1.9	374	10.9
Overton	243	13.1	1	4.1	199	10.7
Perry	49	7.6	–	–	59	9.1
Pickett	–	–	–	–	6	1.3
Polk	2	0.1	1	*	64	4.4
Putnam	1,045	19.7	4	3.8	442	8.3
Rhea	126	4.5	–	–	148	5.3
Roane	312	5.9	3	9.6	416	7.9
Robertson	525	12.5	–	–	287	6.8
Rutherford	1,514	15.4	7	4.6	908	9.2
Scott	144	6.6	–	–	145	6.6
Sequatchie	–	–	–	–	89	9.4
Sevier	437	9.0	6	13.7	331	6.8
Shelby	19,012	22.4	338	17.8	9,478	11.2
Smith	128	7.9	1	7.8	142	8.8
Stewart	2	0.2	–	–	54	5.9
Sullivan	2,653	17.7	15	5.7	2,099	14.0
Sumner	1,226	11.7	6	4.9	600	5.7
Tipton	241	6.6	2	8.3	232	6.4
Trousdale	2	0.3	1	*	60	8.8
Unicoi	1	0.1	–	–	132	7.9
Union	2	0.2	–	–	60	4.6
Van Buren	–	–	–	–	12	2.3
Warren	394	11.0	1	2.5	314	8.8
Washington	1,787	18.8	29	16.2	1,413	14.9
Wayne	10	0.7	–	–	91	6.2
Weakley	312	9.1	1	3.2	277	8.1
White	121	5.8	1	8.3	192	9.3
Williamson	440	6.0	1	2.3	359	4.9
Wilson	774	11.4	3	3.9	395	5.8

For definition of certain terms and explanation of rates, see page 97 of this Bulletin.

*Rates based on births are not calculated when the number of births is less than 10.

APPENDICES

APPENDIX A
DEFINITIONS OF TERMS, RATES, AND RATIOS

Birth Rate - Number of live births per 1,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population with the exception of the maternal death rate which is per 10,000 live births.

Crude Death Rate - Number of deaths per 1,000 population.

Divorce Rate - Number of persons divorced per 1,000 population.

Fertility Rate - Number of resident live births per 1,000 females 15-44 years of age.

Fetal Death (reportable) - A fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more. (Note: Induced abortions are excluded from the fetal death count.)

Fetal Death Ratio - Number of fetal deaths per 1,000 live births.

Illegitimate - For live births and fetal deaths, mother married to father item on certificate or report checked "no".

Illegitimate Birth Rate - Number of illegitimate births per 100 live births.

Induced Abortion - The intentional termination of pregnancy for a purpose other than to produce a live-born infant or to remove a dead fetus.

Induced Abortion Ratio - The number of induced abortions per 1,000 live births by race of mother.

Infant Death - A death of a live-born infant under one year of age.

Infant Mortality Rate - Number of infant deaths per 1,000 live births.

Live Birth - A birth in which the child shows evidence of life (includes heart action, breathing, or a coordinated movement of a voluntary muscle) after complete birth.

Low Birthweight - A live birth weighing less than 2,500 grams.

Low Birthweight Rate - Number of live births weighing less than 2,500 grams per 100 live births.

Marriage Rate - Number of persons married per 1,000 population.

Maternal Death - A death due to complications of pregnancy, childbirth, and the puerperium (ICD codes 630-676).

Maternal Death Rate - Number of maternal deaths (ICD codes 630-676) per 10,000 live births. Rates by race for 1970-1974 are by race of child per 10,000 live births (race of mother is not available). Rates by race for 1975-1989 are by race of mother per 10,000 live births.

Neonatal Death - A death of a live-born infant under 28 days of age.

Neonatal Mortality Rate - Number of neonatal deaths per 1,000 live births.

Postneonatal Death - A death of an infant 28 days or more but under one year of age.

Postneonatal Mortality Rate - Number of postneonatal deaths per 1,000 live births.

Pregnancies - The sum of live births, reportable fetal deaths, and reported induced abortions.

Pregnancy Rate - Number of pregnancies per 1,000 female population aged 10-49.

Prenatal Care - The amount of prenatal care obtained by the mother is determined by information on the certificate of live birth concerning the month that prenatal care began and the number of prenatal visits.

Race - The terms "white" and "all other races" are used to denote the racial groups. Definitions used for classifying race are those specified by the Bureau of the Census.

Recorded Data - Data compiled according to geographic place where the event occurred without regard to residence. (Recorded data for Tennessee include events which took place within the State, irrespective of the residences of the persons to whom the events occurred. Beginning in 1989, recorded data for marriages includes those obtaining a Tennessee license with the ceremony performed out of state.)

Resident Data - Data compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. For births, infant deaths, and fetal deaths, the residence is of the mother. (Resident data for Tennessee include events which occurred to residents of the State irrespective of where the events took place.)

Very Low Birthweight (VLBW) - A live birth weighing less than 1,500 grams.

Notes:

Death rates based on population are not calculated if the population is less than 100.

Death rates for specific causes are not calculated for white or all other races populations of less than 5,000.

In cases where a cause of death is sex-specific, the associated mortality rate is calculated per 100,000 population of the sex at risk.

Percents greater than or equal to 0.0 but less than 0.05 are indicated by 0.0.

Rates based on births are not calculated when the number of births is less than 10.

APPENDIX B

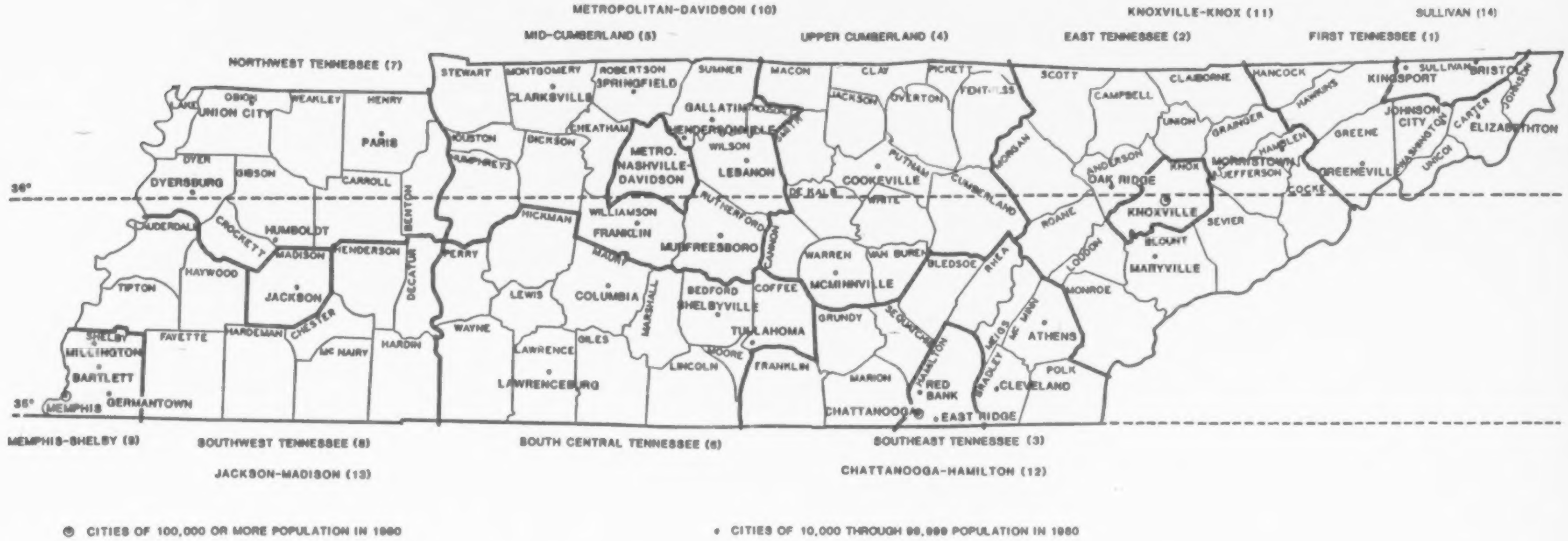
CORRESPONDENCE OF CODE NUMBERS FOR THE EIGHTH AND NINTH REVISIONS INTERNATIONAL CLASSIFICATION OF DISEASES

Category Title According to Ninth Revision	International Classification Code Numbers	
	Ninth Revision	Eighth Revision
Shigellosis and Amebiasis	004, 006	004, 006
Tuberculosis, All Forms	010–018	010–018
Respiratory System	010–012	010–012
Whooping Cough	033	033
Streptococcal Sore Throat, Scarlatina, and Erysipelas	034–035	034–035
Meningococcal Infection	036	036
Human Immunodeficiency Virus (HIV)	*042–*044	
Viral Encephalitis	049.8–049.9, 062–064	062–065
Measles	055	055
Viral Hepatitis	070	070, E931.1–E931.2, E931.8–E931.9
Rocky Mountain Spotted Fever	082.0	082.0
Syphilis	090–097	090–097
Malignant Neoplasms, All Sites	140–208	140–207
Digestive Organs and Peritoneum	150–159	150–159
Respiratory and Intrathoracic Organs	160–165	160–163, 194.2
Breast	174–175	174
Female Genital Organs	179–184	180–184
Male Genital Organs	185–187	185–187
Diabetes Mellitus	250	250
Diseases of Heart	390–398, 402, 404–429	390–398, 402, 404–429, 450, 782.4
Ischemic Heart Disease	410–414	410–413
Cerebrovascular Disease	430–438	430–438
Atherosclerosis	440	440
Pneumonia	480–486	480–486
Influenza	487	470–474
Chronic Obstructive Pulmonary Disease and Allied Conditions	490–496	490–493, 516.1, 516.2, 518, 519.3
Hernia and Intestinal Obstruction	550–553, 560	550–553, 560
Chronic Liver Disease and Cirrhosis	571	571
Cholelithiasis and Other Disorders of Gallbladder	574–575	574–575
Nephritis, Nephrotic Syndrome, and Nephrosis	580–589	580–584
Complications of Pregnancy, Childbirth, and the Puerperium	630–676	630–678
Congenital Anomalies	740–759	740–759
Certain Conditions Originating in the Perinatal Period	760–779	760–769.2, 769.4–772, 774–778
Accidents and Adverse Effects	E800–E949	E800–E949
Motor Vehicle Accidents	E810–E825	E810–E823
Suicide	E950–E959	E950–E959
Homicide and Legal Intervention	E960–E978	E960–E978

*These codes are not part of the Ninth Revision International Classification of Diseases.

APPENDIX C

MAP OF TENNESSEE SHOWING THE 95 COUNTIES, THE 37 CITIES OF 10,000 OR MORE POPULATION IN 1980, AND THE 14 HEALTH DEPARTMENT REGIONS


METROPOLITAN-DAVIDSON (10)
KNOXVILLE-KNOX (11)
SULLIVAN (14)
MID-CUMBERLAND (5)
UPPER CUMBERLAND (4)
EAST TENNESSEE (2)
FIRST TENNESSEE (1)
NORTHWEST TENNESSEE (7)
STEWART
MONTGOMERY
CLARKSVILLE
ROBERTSON
SPRINGFIELD
SUMNER
GALLATIN
HENDERSONVILLE
MACON
TROUSDALE
CLAY
PICKETT
JACKSON
OVERTON
FENTRESS
SCOTT
CAMPBELL
CLAIBORNE
HANCOCK
HAWKINS
SULLIVAN
KINGSPORT
BRISTOL
JOHNSON
LAKE
OBION
UNION CITY
WEAKLEY
HENRY
PARIS
HOUSTON
HUMPHREYS
DICKSON
CHEATHAM
METRO. NASHVILLE-DAVIDSON
WILSON
LEBANON
SMITH
PUTNAM
COOKEVILLE
MORGAN
UNION
GRAINGER
HAMBLEN
MORRISTOWN
GREENE
GREENEVILLE
JOHNSON CITY
WASHINGTON
CARTER
ELIZABETHTON
UNICOI
DYER
DYERSBURG
GIBSON
CARROLL
BENTON
ANDERSON
OAK RIDGE
KNOX
JEFFERSON
COCKE
36°
DE KALB
WHITE
CUMBERLAND
KNOXVILLE
SEVIER
LAUDERDALE
CROCKETT
HUMBOLDT
HICKMAN
WILLIAMSON
FRANKLIN
RUTHERFORD
MURFREESBORO
CANNON
ROANE
BLOUNT
MARYVILLE
MADISON
HENDERSON
PERRY
MAURY
WARREN
VAN BUREN
BLEDSOE
RHEA
LOUDON
HAYWOOD
TIPTON
JACKSON
DECATUR
LEWIS
COLUMBIA
MARSHALL
BEDFORD
SHELBYVILLE
COFFEE
MCMINNVILLE
MONROE
GRUNDY
SEQUATCHIE
MEIGS
MC MINN
ATHENS
SHELBY
MILLINGTON
FAYETTE
HARDEMAN
CHESTER
MC NAIRY
HARDIN
WAYNE
LAWRENCE
GILES
TULLAHOMA
MOORE
LINCOLN
FRANKLIN
MARION
HAMILTON
BRADLEY
POLK
BARTLETT
LAWRENCEBURG
RED BANK
CLEVELAND
35°
MEMPHIS
GERMANTOWN
CHATTANOOGA
EAST RIDGE
MEMPHIS-SHELBY (9)
SOUTHWEST TENNESSEE (8)
SOUTH CENTRAL TENNESSEE (6)
SOUTHEAST TENNESSEE (3)
JACKSON-MADISON (13)
CHATTANOOGA-HAMILTON (12)
◉ CITIES OF 100,000 OR MORE POPULATION IN 1980
• CITIES OF 10,000 THROUGH 99,999 POPULATION IN 1980